# Fagan, Ashley

From:

Parsons, Jay

Sent:

February-05-19 12:46 PM Jenkins, Phil; Moore, Wayne

To: Cc:

Quinn, Caroline; Seguin, Natalie; Fagan, Ashley

Subject:

RE: PRV Peer Review NR will be issued tomorrow, Wednesday

Anytime. Wayne has DG policy committee but we can meet to first discuss. Jay

From: Jenkins, Phil < Phil. Jenkins@dfo-mpo.gc.ca>
Sent: Tuesday, February 05, 2019 12:21 PM

To: Moore, Wayne < Wayne. Moore@dfo-mpo.gc.ca>; Parsons, Jay < Jay. Parsons@dfo-mpo.gc.ca>

Cc: Quinn, Caroline < Caroline.Quinn@dfo-mpo.gc.ca>; Seguin, Natalie < Natalie.Seguin@dfo-mpo.gc.ca>; Fagan, Ashley

<Ashley.Fagan@dfo-mpo.gc.ca>

Subject: PRV Peer Review NR will be issued tomorrow, Wednesday

Importance: High

NR is a go for tomorrow.

So let's get prepared. Quick huddle this aft re: letting reviewers know; Jay as spokesperson.

Let me know what time works for you. Earlier, better.

Phil

### Parsons, Jay

From:

Parsons, Jay

Sent:

Tuesday, February 05, 2019 12:58 PM

To:

Olivier, Gilles (Gilles.Olivier@dfo-mpo.gc.ca); 'cstephen@cwhc-rcsf.ca'

Subject:

csas update

Importance:

High

Craig, Gilles,

Just wanted to give you both a quick update on a follow up from last week. There have been ongoing discussions about holding a media technical briefing and or a News Release on the outcome of the meeting. However, given the court findings that were released last night, which went against the Government, the department is now wanting to issue a News Release only for now, as early as tomorrow morning. I will review the News Release to ensure it is consistent with the agreed to summary bullets. And I will draft an email to send to all the participants to let them know of the department's interest in issuing a news release. If there are any concerns, please let me know. Thanks, Jay

# Moore, Wayne

From:

Moore, Wayne

Sent:

February 5, 2019 2:45 PM

To:

Jenkins, Phil; Parsons, Jay; Struthers, Alistair; Burgetz, Ingrid

Subject:

RE: draft email to CSAS participants

**Categories:** 

**ATIP** 

Looks good to me and I would add your bullet. I think we might want to explicitly recognize that we will share the material as soon as possible.

From: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>

Sent: February 5, 2019 2:37 PM

To: Parsons, Jay <Jay.Parsons@dfo-mpo.gc.ca>; Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>; Struthers, Alistair

<Alistair.Struthers@dfo-mpo.gc.ca>; Burgetz, Ingrid <Ingrid.Burgetz@dfo-mpo.gc.ca>

Subject: RE: draft email to CSAS participants

Looks good to me, thanks Jay.

Fyi...there is still some talk of a tech briefing...trying to nail this down.

Phil

From: Parsons, Jay

**Sent:** February-05-19 2:31 PM

To: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca >; Moore, Wayne < Wayne.Moore@dfo-mpo.gc.ca >; Struthers, Alistair

<<u>Alistair.Struthers@dfo-mpo.gc.ca</u>>; Burgetz, Ingrid <<u>Ingrid.Burgetz@dfo-mpo.gc.ca</u>>

Subject: draft email to CSAS participants

Hi All,

See below a draft email that I propose to send to the PRV CSAS participants in order to inform them that the department may be issuing a NR on the process. I propose to only send the email once we have confirmation that the NR will be released tomorrow.

Please let me know if you have any comments or suggestions.

Also, should we include any wording that addresses a possible question about what participants can say or do if the media approaches them? Should I include the following statement? Or should we be silent on the issue?

"I recognize that as a result of the News Release, media may approach some of you with questions on the process or findings. Please remember that the final, overall science advice is confidential until the final SAR is made public. However, the summary bullets have been agreed by all participants."

Thanks, Jay		

### Colleagues,

I want to provide a quick update following the PRV CSAS meeting from last week. We are finalizing the other sections of the SAR (Background, Analysis and Other Considerations) and we should be able to distribute this to you for your review by next week.

As well, given the considerable interest on PRV in British Columbia and in the spirit of transparency, there is much interest in having the Department issue a News Release on the high level findings of the CSAS meeting. The News Release will be a high level, plain language summary of the key findings and it will be consistent with the wording in the agree-to summary bullets that were developed at the meeting.

The News Release is being proposed for distribution later today (February 6, 2019).

Please let me know if there are any questions of concerns.

Jay

# Fagan, Ashley

From:

Parsons, Jay

Sent:

February-05-19 2:58 PM

To: Cc: Jenkins, Phil; Moore, Wayne Quinn, Caroline; McElhone, Kathryn; Seguin, Natalie

Subject:

RE: Latest re PRV

Ok, will do.

Jay

From: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>

Sent: Tuesday, February 05, 2019 2:57 PM

To: Parsons, Jay <Jay.Parsons@dfo-mpo.gc.ca>; Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>

Cc: Quinn, Caroline < Caroline.Quinn@dfo-mpo.gc.ca>; McElhone, Kathryn < Kathryn.Mcelhone@dfo-mpo.gc.ca>; Seguin,

Natalie < Natalie. Seguin@dfo-mpo.gc.ca>

Subject: Latest re PRV

Min briefing this aft will confirm, but it looks now like leaning to NR and tech briefing for Thursday.

We need to confirm if our co-chairs can participate on Thursday. If we can't get both at the same time, one may do.

Can you make contact and see if they are able on Thursday? Will the caveat things may change, as usual.

Phil

## Garver, Kyle

From: Lowe, Carmel

**Sent:** February-06-19 8:08 AM **To:** MacDougall, Lesley; Garver, Kyle

Subject: Fw: FOR APPROVAL: Draft Media Advisory Technical Briefing PRV

Fyi

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Girouard, Louise <Louise.Girouard@dfo-mpo.gc.ca>

Sent: Wednesday, February 6, 2019 07:55

To: Thomson, Andrew; Reid, Rebecca; Lowe, Carmel

Cc: Webb, Allison; Rainer, Michelle; Antcliffe, Bonnie; Bate, Dan

Subject: FOR APPROVAL: Draft Media Advisory Technical Briefing PRV

I am told that MinO wishes to proceed with the media technical briefing on PRV tomorrow morning. Below is the draft MA that is currently with MInO.

Attendees are co-chairs of Peer Review process, DFO Jay Parsons as spokes.

L

#### **Media Advisory**

For Immediate Release

### Co-chairs of peer review committee to give technical briefing

Vancouver, British Columbia - Co-chairs of a peer-review meeting on the risk to Fraser River sockeye salmon due to possible Piscine Orthoreovirus (PRV) transfer from Atlantic salmon farms, will give a media technical briefing to discuss the peer-review results.

Date: Thursday, February 7, 2019

Time: 9:30 a.m. PST

**Phone-in details:** Media planning to participate are required to register by calling (613) 990-7537 or emailing media.xncr@dfo-mpo.gc.ca by 9:00 a.m. PST on Friday February 1, 2019.

Registered media are requested to call in 15 minutes prior to the start of the teleconference.

Note: The media availability is for accredited media only.

s.16(2)(c)

### **Louise Girouard**

Regional Director Communications | Directrice régionale des communications
Pacific Region | Région du Pacifique
Fisheries, Oceans and Canadian Coast Guard | Pêches, Océans et Garde côtière canadienne
Louise.Girouard@dfo-mpo.gc.ca Tel: 604.666.3855 | Cell:

## Fagan, Ashley

From:

Parsons, Jay

Sent:

February-06-19 9:21 AM Jenkins, Phil; Moore, Wayne

To: Cc:

McElhone, Kathryn; Quinn, Caroline; Seguin, Natalie

Subject:

RE: Min briefing

No, but I just sent another email asking. Jay

From: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca> Sent: Wednesday, February 06, 2019 9:16 AM

To: Parsons, Jay <Jay.Parsons@dfo-mpo.gc.ca>; Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>

Cc: McElhone, Kathryn <Kathryn.Mcelhone@dfo-mpo.gc.ca>; Quinn, Caroline <Caroline.Quinn@dfo-mpo.gc.ca>; Seguin,

Natalie <Natalie.Seguin@dfo-mpo.gc.ca>

Subject: RE: Min briefing

Any news from the co-chairs?

Phil

From: Parsons, Jay

Sent: February-05-19 4:48 PM

To: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca >; Moore, Wayne < Wayne.Moore@dfo-mpo.gc.ca >

Cc: McElhone, Kathryn < Kathryn. Mcelhone@dfo-mpo.gc.ca >; Quinn, Caroline < Caroline. Quinn@dfo-mpo.gc.ca >; Seguin,

Natalie <Natalie.Seguin@dfo-mpo.gc.ca>

Subject: RE: Min briefing

Yes, will do. Jay

From: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>

Sent: Tuesday, February 05, 2019 4:35 PM

To: Moore, Wayne < Wayne. Moore@dfo-mpo.gc.ca>; Parsons, Jay < Jay. Parsons@dfo-mpo.gc.ca>

Cc: McElhone, Kathryn < Kathryn. Mcelhone@dfo-mpo.gc.ca>; Quinn, Caroline < Caroline.Quinn@dfo-mpo.gc.ca>; Seguin,

Natalie < Natalie.Seguin@dfo-mpo.gc.ca >

Subject: FW: Min briefing

Importance: High

Hi Wayne and Jay,

See below...looking for confirmation on co-chairs for Thursday.

Can you reply all when we have confirmation on their availability svp?

Many thanks,

NB the reference to Louise refers to having PAC Region lead the conf call with Louise Girouard as moderator, as per the original plan when all were in Vancouver.

Phil

From: McElhone, Kathryn Sent: February-05-19 4:25 PM

To: Quinn, Caroline < Caroline.Quinn@dfo-mpo.gc.ca>; Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>

Subject: Re: Min briefing

Just chatted with MP. She is supportive of Louise doing the tech briefing. We need to confirm with co-chairs.

Over to you guys.

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: McElhone, Kathryn

Sent: Tuesday, February 5, 2019 4:18 PM

To: Quinn, Caroline; Jenkins, Phil

Subject: Min briefing

It certainly looks like the tech briefing is going forward.

Sent from my BlackBerry 10 smartphone on the Rogers network.

## Fagan, Ashley

From:

Parsons, Jay

Sent:

February-06-19 9:28 AM

To:

Jenkins, Phil; Moore, Wayne

Cc:

McElhone, Kathryn; Quinn, Caroline; Seguin, Natalie

Subject:

RE: Min briefing

Gilles is available. Still waiting to hear from Craig.

Jay

From: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca> Sent: Wednesday, February 06, 2019 9:16 AM

To: Parsons, Jay <Jay.Parsons@dfo-mpo.gc.ca>; Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>

Cc: McElhone, Kathryn <Kathryn.Mcelhone@dfo-mpo.gc.ca>; Quinn, Caroline <Caroline.Quinn@dfo-mpo.gc.ca>; Seguin,

Natalie < Natalie. Seguin@dfo-mpo.gc.ca>

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Cc: McElhone, Kathryn < <a href="mailto:Kathryn.Mcelhone@dfo-mpo.gc.ca">Kathryn.Mcelhone@dfo-mpo.gc.ca</a>; Quinn, Caroline < <a href="mailto:Caroline.Quinn@dfo-mpo.gc.ca">Caroline.Quinn@dfo-mpo.gc.ca</a>; Seguin,

Natalie < Natalie. Seguin@dfo-mpo.gc.ca >

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Sent: Tuesday, February 05, 2019 4:35 PM

To: Moore, Wayne < Wayne.Moore@dfo-mpo.gc.ca >; Parsons, Jay < Jay.Parsons@dfo-mpo.gc.ca >

Cc: McElhone, Kathryn < Kathryn. Mcelhone@dfo-mpo.gc.ca >; Quinn, Caroline < Caroline. Quinn@dfo-mpo.gc.ca >; Seguin,

Natalie < Natalie. Seguin@dfo-mpo.gc.ca>

Subject: FW: Min briefing

Importance: High

Hi Wayne and Jay,

See below...looking for confirmation on co-chairs for Thursday.

Can you reply all when we have confirmation on their availability svp?

Many thanks,

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Phil

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To: Quinn, Caroline < Caroline.Quinn@dfo-mpo.gc.ca >; Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca >

Subject: Re: Min briefing

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To: Quinn, Caroline; Jenkins, Phil

Subject: Min briefing

It certainly looks like the tech briefing is going forward.

Sent from my BlackBerry 10 smartphone on the Rogers network.

## Fagan, Ashley

From:

Parsons, Jay

Sent:

February-06-19 9:58 AM

To:

Jenkins, Phil

**Subject:** 

RE: Min briefing

yes

From: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca> Sent: Wednesday, February 06, 2019 9:58 AM

To: Parsons, Jay <Jay.Parsons@dfo-mpo.gc.ca>; Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>

Cc: McElhone, Kathryn <Kathryn.Mcelhone@dfo-mpo.gc.ca>; Quinn, Caroline <Caroline.Quinn@dfo-mpo.gc.ca>; Seguin,

Natalie < Natalie. Seguin@dfo-mpo.gc.ca>

Subject: RE: Min briefing

Excellent. So if we went at 11:00 BC time should be OK?

From: Parsons, Jay

Sent: February-06-19 9:57 AM

To: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca >; Moore, Wayne < Wayne.Moore@dfo-mpo.gc.ca >

Cc: McElhone, Kathryn < Kathryn. Mcelhone@dfo-mpo.gc.ca>; Quinn, Caroline < Caroline. Quinn@dfo-mpo.gc.ca>; Seguin,

Natalie < Natalie. Seguin@dfo-mpo.gc.ca >

Subject: RE: Min briefing

Craig can be available after 10 am BC time.

And his correct affiliation is below.

Jay

## Craig Stephen DVM PhD

Chief Executive Officer

## Canadian Wildlife Health Cooperative

Professor, Western College of Veterinary Medicine

- e. cstephen@cwhc-rcsf.ca
- p. 306-371-7177
- w. http://www.healthywildlife.ca http://www.cwhc-rcsf.ca

From: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca >

Sent: Wednesday, February 06, 2019 9:16 AM

To: Parsons, Jay < <u>Jay.Parsons@dfo-mpo.gc.ca</u>>; Moore, Wayne < <u>Wayne.Moore@dfo-mpo.gc.ca</u>>

Cc: McElhone, Kathryn < <a href="mailto:Kathryn.Mcelhone@dfo-mpo.gc.ca">Kathryn.Mcelhone@dfo-mpo.gc.ca</a>; Quinn, Caroline < <a href="mailto:Caroline.Quinn@dfo-mpo.gc.ca">Caroline.Quinn@dfo-mpo.gc.ca</a>; Seguin,

Natalie < Natalie. Seguin@dfo-mpo.gc.ca>

Subject: RE: Min briefing

Any news from the co-chairs?

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Sent: February-05-19 4:48 PM

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Cc: McElhone, Kathryn < Kathryn. Mcelhone@dfo-mpo.gc.ca>; Quinn, Caroline < Caroline. Quinn@dfo-mpo.gc.ca>; Seguin,

Natalie < Natalie. Seguin@dfo-mpo.gc.ca >

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Natalie < Natalie. Seguin@dfo-mpo.gc.ca>

Subject: FW: Min briefing

Importance: High

Hi Wayne and Jay,

See below...looking for confirmation on co-chairs for Thursday.

Can you reply all when we have confirmation on their availability svp?

Many thanks,

NB the reference to Louise refers to having PAC Region lead the conf call with Louise Girouard as moderator, as per the original plan when all were in Vancouver.

Phil

From: McElhone, Kathryn Sent: February-05-19 4:25 PM

To: Quinn, Caroline < Caroline.Quinn@dfo-mpo.gc.ca>; Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>

Subject: Re: Min briefing

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Sent from my BlackBerry 10 smartphone on the Rogers network.

From: McElhone, Kathryn

Sent: Tuesday, February 5, 2019 4:18 PM

To: Quinn, Caroline; Jenkins, Phil

Subject: Min briefing

It certainly looks like the tech briefing is going forward.

Sent from my BlackBerry 10 smartphone on the Rogers network.

## Fagan, Ashley

From:

Des Rosiers, Marie-Pascale

Sent:

February-06-19 10:20 AM

To:

Jenkins, Phil

Cc:

Quinn, Caroline; McElhone, Kathryn; Szerze, Anita; Parsons, Jay; Moore, Wayne;

Northcott, Jennifer; McGill, Stephanie; ComApproval / Approbation (DFO/MPO); Seguin,

Natalie; Simons, Fiona

**Subject:** 

RE: Both co-chairs confirmed for PRV tech briefing

Amazing, thanks Phil!!

From: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca> Sent: Wednesday, February 6, 2019 10:19 AM

To: Des Rosiers, Marie-Pascale < Marie-Pascale. Des Rosiers @dfo-mpo.gc.ca>

Cc: Quinn, Caroline <Caroline.Quinn@dfo-mpo.gc.ca>; McElhone, Kathryn <Kathryn.Mcelhone@dfo-mpo.gc.ca>; Szerze, Anita <Anita.Szerze@dfo-mpo.gc.ca>; Parsons, Jay <Jay.Parsons@dfo-mpo.gc.ca>; Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>; Northcott, Jennifer <Jennifer.Northcott@dfo-mpo.gc.ca>; McGill, Stephanie <Stephanie.McGill@dfo-mpo.gc.ca>; ComApproval / Approbation (DFO/MPO) <ComApproval/Approbation.XNCR@dfo-mpo.gc.ca>; Seguin, Natalie <Natalie.Seguin@dfo-mpo.gc.ca>

Subject: Both co-chairs confirmed for PRV tech briefing

We're looking at 11:00 Pacific time.

MA will reflect this time.

Phil

Document Released Under the Access to Information Act / Document divulgué en vertu

## Moore, Wayne

From:

Moore, Wayne

Sent:

February 6, 2019 10:30 AM

To:

Parsons, Jay

Subject:

RE: For MinO Approval | Updated News Release and MLs | PRV Media Briefing

**Categories:** 

**ATIP** 

I spoke to Andy last night. He is fine. He needs a time. And yes Jay – want you to pick up the context piece.

From: Parsons, Jay < Jay.Parsons@dfo-mpo.gc.ca>

Sent: February 6, 2019 9:58 AM

To: Jenkins, Phil < Phil. Jenkins@dfo-mpo.gc.ca> Cc: Moore, Wayne < Wayne. Moore@dfo-mpo.gc.ca>

Subject: RE: For MinO Approval | Updated News Release and MLs | PRV Media Briefing

Phil,

Will the media technical briefing not also include Andy Thomson and myself?

Jay

From: Jenkins, Phil < Phil. Jenkins@dfo-mpo.gc.ca> Sent: Wednesday, February 06, 2019 9:56 AM

To: Girouard, Louise < Louise. Girouard@dfo-mpo.gc.ca>

Cc: Quinn, Caroline < Caroline.Quinn@dfo-mpo.gc.ca>; Szerze, Anita < Anita.Szerze@dfo-mpo.gc.ca>; Parsons, Jay

<<u>Jay.Parsons@dfo-mpo.gc.ca</u>>; Moore, Wayne <<u>Wayne.Moore@dfo-mpo.gc.ca</u>>; Struthers, Alistair

< <u>Alistair.Struthers@dfo-mpo.gc.ca</u>>; Campbell, John P. < <u>John.Campbell@dfo-mpo.gc.ca></u>; McElhone, Kathryn

<Kathryn.Mcelhone@dfo-mpo.gc.ca>

Subject: FW: For MinO Approval | Updated News Release and MLs | PRV Media Briefing

Here you go. Media Advisory for tech brief on PRV.

From: Des Rosiers, Marie-Pascale **Sent:** February-06-19 9:50 AM

To: ComApproval / Approbation (DFO/MPO) < ComApproval/Approbation.XNCR@dfo-mpo.gc.ca >; Lubczuk, Jocelyn <<u>Jocelyn.Lubczuk@dfo-mpo.gc.ca</u>>; Tran, Thi <<u>Thi.Tran@dfo-mpo.gc.ca</u>>; Hill, Johanna <Johanna.Hill@dfo-mpo.gc.ca>; O'Grady, Samantha <Samantha.O'grady@dfo-mpo.gc.ca>; Choeurng, Stephanie <<u>Stephanie.Choeurng@dfo-mpo.gc.ca</u>>; Windsor, Victoria < Victoria. Windsor@dfo-mpo.gc.ca >; Windsor, Victoria < Victoria. Windsor@dfo-mpo.gc.ca >; Mitchell, Laura <<u>Laura.Mitchell@dfo-mpo.gc.ca</u>>; Garner, Danica <<u>Danica.Garner@dfo-mpo.gc.ca</u>>; O'Halloran, Mark <Mark.O'Halloran@dfo-mpo.gc.ca>; McIntyre, Alexis <<u>Alexis.McI</u>ntyre@dfo-mpo.gc.ca>; Simons, Fiona <<u>Fiona.Simons@dfo-mpo.gc.ca</u>>; Mullan-Boudreau, Caitlin <<u>Caitlin.Mullan-Boudreau@dfo-mpo.gc.ca</u>>

Cc: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>; Legal.Correspondence / Correspondance.Juridique (DFO-MPO)

<<u>Legal.Correspondence@dfo-mpo.gc.ca</u>>; Sharzer, Stephen (DOJ) <stephen.sharzer@justice.gc.ca>; Seguin, Natalie

< <u>Natalie.Seguin@dfo-mpo.gc.ca</u>>; McElhone, Kathryn < <u>Kathryn.Mcelhone@dfo-mpo.gc.ca</u>>; Hubley, Marian

< Marian. Hubley@dfo-mpo.gc.ca>; Quinn, Caroline < Caroline. Quinn@dfo-mpo.gc.ca>; Belle-Isle, Alain < Alain. Belle-Isle@dfo-mpo.gc.ca>

Subject: RE: For MinO Approval | Updated News Release and MLs | PRV Media Briefing

Attached is the approved MA. Please hold on issuing until we have confirmation that both co-chairs are available tomorrow.

Merci,

M-P

From: ComApproval / Approbation (DFO/MPO) < ComApproval/Approbation.XNCR@dfo-mpo.gc.ca > Sent: Wednesday, February 6, 2019 9:15 AM

To: Des Rosiers, Marie-Pascale < Marie-Pascale.DesRosiers@dfo-mpo.gc.ca >; ComApproval / Approbation (DFO/MPO) < ComApproval/Approbation.XNCR@dfo-mpo.gc.ca >; Lubczuk, Jocelyn < Jocelyn.Lubczuk@dfo-mpo.gc.ca >; Tran, Thi < Thi.Tran@dfo-mpo.gc.ca >; Hill, Johanna < Johanna.Hill@dfo-mpo.gc.ca >; O'Grady, Samantha < Samantha.O'grady@dfo-mpo.gc.ca >; Choeurng, Stephanie < Stephanie.Choeurng@dfo-mpo.gc.ca >; Windsor, Victoria < Victoria.Windsor@dfo-mpo.gc.ca >; Mitchell, Laura < Laura.Mitchell@dfo-mpo.gc.ca >; Garner, Danica < Danica.Garner@dfo-mpo.gc.ca >; O'Halloran, Mark < Mark.O'Halloran@dfo-mpo.gc.ca >; McIntyre, Alexis < Alexis.McIntyre@dfo-mpo.gc.ca >; Simons, Fiona < Fiona.Simons@dfo-mpo.gc.ca >; Mullan-Boudreau, Caitlin < Caitlin.Mullan-Boudreau@dfo-mpo.gc.ca >

Cc: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca >; Legal.Correspondence / Correspondance.Juridique (DFO-MPO) < Legal.Correspondence@dfo-mpo.gc.ca >; Sharzer, Stephen (DOJ) < stephen.sharzer@justice.gc.ca >; Seguin, Natalie < Natalie.Seguin@dfo-mpo.gc.ca >; McElhone, Kathryn < Kathryn.Mcelhone@dfo-mpo.gc.ca >; Hubley, Marian < Marian.Hubley@dfo-mpo.gc.ca >; Quinn, Caroline < Caroline.Quinn@dfo-mpo.gc.ca >; Belle-Isle, Alain < Alain.Belle-Isle@dfo-mpo.gc.ca >

Subject: RE: For MinO Approval | Updated News Release and MLs | PRV Media Briefing

Hi Marie-Pascale, Attached is a draft media advisory on PRV

Valérie Laforce

Communications Advisor
Ministerial Events and Editorial Services
Department of Fisheries and Oceans
Valerie.Laforce@dfo-mpo.gc.ca / NEW 613-990-0298

Conseillère en communications
Evénements ministériels et services de rédaction
Ministère des Pêches et Océans
Valerie.Laforce@dfo-mpo.gc.ca /NOUVEAU 613-990-0298

## Fagan, Ashley

From:

Parsons, Jay

Sent:

February-06-19 10:43 AM

To:

Jenkins, Phil

Cc:

Szerze, Anita; Burgetz, Ingrid

Subject:

RE: INfo needed: Confirmation of #s

Attachments:

List of Participants - PRV CSAS.xlsx

No, there were 15 DFO employees if you count Gilles

or 14 DFO if you don't count

Gilles. There were a total of 33 people participating (see attached).

Jay

From: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca> Sent: Wednesday, February 06, 2019 10:32 AM

To: Parsons, Jay <Jay.Parsons@dfo-mpo.gc.ca>; Burgetz, Ingrid <Ingrid.Burgetz@dfo-mpo.gc.ca>

Cc: Szerze, Anita < Anita. Szerze@dfo-mpo.gc.ca>

Subject: INfo needed: Confirmation of #s

MinO looking to confirm # of DFO employees in peer review for NR language. They have 12: correct ou pas?

FYI please keep Anita cc'd on everything PRV tech brief-related as she's doing—among many other things-- quality control on products which are changing here and there....as they do.

Thanks...and we should huddle today.

Phil

s.19(1)

Name * :			
	1		
Alistair Struthers	2		
	3		
	4		
Caroline Mimeault	5		
	6		
Craig Stephen	7		
	8		
Espen Rimstad	9		
France Boily	10		
Gary Marty	11		
Gilles Olivier	12		
Hamish Rodger	13		
lan Gardner	14		
Ingrid Burgetz	15		
Jay Parsons	16		
	17		
Kendra Holt	18		
Kristi Miller-Saunders	19		
Kyle Garver	20		
Lily Weber	21		
Mark Polinski	22	s.19	<b>∋</b> (1)
Mark Powell	23		
Myron Roth	24		
Nathalie Bruneau	25		

	_
Nellie Gagne	26
Niccolo Vendramin	27
Simon Jones	28
	29
Stewart Johnson	] 30
	31
Tony Farrell	32
Zac Waddington	33

## Parsons, Jay

From:

Olivier, Gilles

Sent:

Wednesday, February 06, 2019 11:40 AM

To:

Parsons, Jay

Subject:

RE: media briefing

fine by me but a precall at 10:00 would be nice. Media means all media? and I we would need a copy of the bullets we agreed to at the meeting \_\_\_\_\_\_

From: Parsons, Jay

Sent: February 6, 2019 11:05 AM To: Craig Stephen; Olivier, Gilles

Subject: media briefing

Craig, Gilles:

The proposal is for 11 am BC time tomorrow. Details to follow. We can set up a call this afternoon or tomorrow at 10 am to touch base beforehand. I think the expectation will be that I provide introductory and background comments and that you guys can speak to the results of the process. I can outline some ideas if that would be helpful to you? And Andy Thomson will also be on the call from an Aquaculture Management perspective.

Jay

## Fagan, Ashley

From:

Moore, Wayne

Sent:

February-06-19 1:06 PM

To:

Jenkins, Phil; Saindon, Carole; Girouard, Louise; Parsons, Jay; Burgetz, Ingrid

Cc:

Quinn, Caroline; McElhone, Kathryn; Szerze, Anita; Seguin, Natalie

Subject:

RE: Roll out for Tech brief

Jay's title is wrong and I also assume we are having Andy on line for the inevitable – what does this meanfor management.

From: Jenkins, Phil < Phil. Jenkins@dfo-mpo.gc.ca>

Sent: February 6, 2019 1:03 PM

**To:** Saindon, Carole <Carole.Saindon@dfo-mpo.gc.ca>; Girouard, Louise <Louise.Girouard@dfo-mpo.gc.ca>; Parsons, Jay <Jay.Parsons@dfo-mpo.gc.ca>; Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>; Burgetz, Ingrid <Ingrid.Burgetz@dfo-mpo.gc.ca>

**Cc:** Quinn, Caroline < Caroline.Quinn@dfo-mpo.gc.ca>; McElhone, Kathryn < Kathryn.Mcelhone@dfo-mpo.gc.ca>; Szerze, Anita < Anita.Szerze@dfo-mpo.gc.ca>; Seguin, Natalie < Natalie.Seguin@dfo-mpo.gc.ca>

Subject: Roll out for Tech brief

Generally, this is how it should roll out tomorrow. (Conf call numbers and related info to come)

The teleconference centre operator will open the call with the following and throw to Louise:

Good afternoon ladies and gentlemen. Welcome to the Technical Briefing on the possible piscine orthoreovirus transfer from Atlantic salmon farms located in the Discovery Islands area in British Columbia. I would now like to turn the meeting over to Louise Girouard. Bonjour Mesdames et messieurs.

Bienvenue à cette seance d'information technique partant sur les risques possible de transfer du réovirus pisciare des fermes aquacole aux ilses Discovery de la Colombie-Britanique. J'aimerais maintenant céder la parole à Mme. Louise Girouard. À vous la parole Mme. Girouard. Please go ahead Ms. Girouard.

Louise introduces herself as moderator, and introduces

- Jay Parsons, Director of Oceans Science, DFO, (joining the call from Ottawa);
- Peer review Co-chair Gilles Olivier, Manager, Aquatic Health Division, DFO Gulf Region (joining the call from Montreal)
- Craig Stephen, Chief Executive Officer Canadian Wildlife Health Cooperative and Professor at the Western
   College of Veterinary Medicine (joining from Vancouver.)

Louise invites Jay for opening remarks about the peer review *process only*. Process piece finished, Jay hands over to Gilles and Craig for the *content* of the review meeting.

After the Q&A is over, the operator will throw back to Louise who will close the call.

# Fagan, Ashley

From:

Moore, Wayne

Sent:

February-06-19 1:13 PM

To: Cc: Jenkins, Phil Parsons, Jay

Subject:

RE: Can we use your office for tech brief tomorrow?

And put sciences at the end

From: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>

Sent: February 6, 2019 1:10 PM

To: Moore, Wayne < Wayne. Moore@dfo-mpo.gc.ca>

Cc: Parsons, Jay <Jay.Parsons@dfo-mpo.gc.ca>

Subject: RE: Can we use your office for tech brief tomorrow?

Excellent, thanks.

Jay...your old title is in the DFO address directory...

Correct title: Director, Aquaculture Biotechnology and Aquatic Animal Health

From: Moore, Wayne

Sent: February-06-19 1:07 PM

**To:** Jenkins, Phil < <a href="mailto:Phil.Jenkins@dfo-mpo.gc.ca">Phil.Jenkins@dfo-mpo.gc.ca</a> <a href="mailto:Cc: Parsons">Cc: Parsons, Jay < Jay.Parsons@dfo-mpo.gc.ca</a>

Subject: RE: Can we use your office for tech brief tomorrow?

Of course

From: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca >

Sent: February 6, 2019 12:06 PM

**To:** Moore, Wayne < <u>Wayne.Moore@dfo-mpo.gc.ca</u>> **Cc:** Parsons, Jay < <u>Jay.Parsons@dfo-mpo.gc.ca</u>>

Subject: Can we use your office for tech brief tomorrow?

No board rooms available in these parts....and might be better location anyway.

2pm ET, 11PT

Phil

## Fagan, Ashley

From:

Parsons, Jay

Sent:

February-06-19 1:17 PM

To:

Jenkins, Phil

Subject:

RE: Conf call this aft w/ co-chairs

Yes tomorrow at 10 am BC time he is available.

From: Jenkins, Phil <Phil.Jenkins@dfo-mpo.gc.ca>
Sent: Wednesday, February 06, 2019 1:16 PM
To: Parsons, Jay <Jay.Parsons@dfo-mpo.gc.ca>
Subject: RE: Conf call this aft w/ co-chairs

How about later this evening or tomorrow am?

Phil

From: Parsons, Jay

**Sent:** February-06-19 1:14 PM

**To:** Jenkins, Phil < <a href="mailto:Phil.Jenkins@dfo-mpo.gc.ca">Phil.Jenkins@dfo-mpo.gc.ca</a> **Subject:** RE: Conf call this aft w/ co-chairs

Craig is not available today. Jay

From: Jenkins, Phil < <a href="mailto:Phil.Jenkins@dfo-mpo.gc.ca">Phil.Jenkins@dfo-mpo.gc.ca</a> Sent: Wednesday, February 06, 2019 12:40 PM

To: Moore, Wayne < Wayne. Moore@dfo-mpo.gc.ca>; Parsons, Jay < Jay. Parsons@dfo-mpo.gc.ca>

Cc: Girouard, Louise < Louise.Girouard@dfo-mpo.gc.ca >; Quinn, Caroline < Caroline.Quinn@dfo-mpo.gc.ca >; McElhone,

Kathryn < Kathryn. Mcelhone@dfo-mpo.gc.ca>; Burgetz, Ingrid < Ingrid. Burgetz@dfo-mpo.gc.ca>

Subject: Conf call this aft w/ co-chairs

Hi Wayne,

Can your office set up a confice that the two co-chairs this afternoon svp? I would like to be able to tell them what to expect, and pass along a few tips.

Please include Louise Girouard, who will be moderating the tech brief from Vancouver.

**Thanks** 

## Fagan, Ashley

From:

Parsons, Jay

Sent:

February-06-19 1:55 PM

To: Cc: Jenkins, Phil Moore, Wayne

Subject:

Re: Tech Brief roll out revised

Phil, what is the status of the NR. I still have not alerted participants to the NR or the media briefing which I will need to include in the email.

Thanks, jay

From: Jenkins, Phil

Sent: Wednesday, February 6, 2019 1:27 PM

To: Girouard, Louise

Cc: Parsons, Jay; Moore, Wayne; Saindon, Carole; Quinn, Caroline; McElhone, Kathryn

Subject: Tech Brief roll out revised

This is how it should roll out tomorrow. (Conf call numbers and related info to come)

The teleconference centre operator will open the call with the following and throw to Louise:

Good afternoon ladies and gentlemen. Welcome to the Technical Briefing on the possible piscine orthoreovirus transfer from Atlantic salmon farms located in the Discovery Islands area in British Columbia. I would now like to turn the meeting over to Louise Girouard. Bonjour Mesdames et messieurs.

Bienvenue à cette seance d'information technique partant sur les risques possible de transfer du réovirus pisciare des fermes aquacole aux ilses Discovery de la Colombie-Britanique. J'aimerais maintenant céder la parole à Mme. Louise Girouard. À vous la parole Mme. Girouard. Please go ahead Ms. Girouard.

Louise introduces herself as moderator, and introduces:

- Dr. Jay Parsons, Director, Aquaculture, Biotechnology and Aquatic Animal Health Sciences, DFO, (joining the call from Ottawa);
- Peer review Co-chair Gilles Olivier, Manager, Aquatic Health Division, DFO Gulf Region (joining the call from Montreal)
- Peer review Co-chair Dr. Craig Stephen, Chief Executive Officer Canadian Wildlife Health Cooperative and Professor at the Western College of Veterinary Medicine (joining from Vancouver.)

Louise also mentions Andrew Thomson, (please insert correct title) is also present should there be questions related to Aquaculture Management.

Louise invites Jay for opening remarks about the peer review process only. Process piece finished, Jay hands over to Gilles and Craig for the content of the review meeting.

After the Q&A is over, the operator will throw back to Louise who will close the call.

s.19(1)

## Fagan, Ashley

From: Lubczuk, Jocelyn

Sent: February-06-19 5:11 PM

To: Jenkins, Phil

Cc: Saindon, Carole; Eatmon, Keegan; Des Rosiers, Marie-Pascale; Tran, Thi; Simons, Fiona;

Seguin, Natalie; Girouard, Louise; Bate, Dan; Rainer, Michelle; NCR Media RCN

(DFO/MPO); Quinn, Caroline

Subject: RE: DFO media advisory: Technical briefing on PRV peer review

Awesome. thank you!

## Jocelyn Lubczuk

**Press Secretary** 

Fisheries, Oceans and the Canadian Coast Guard

Jocelyn.lubczuk@dfo-mpo.gc.ca

From: Jenkins, Phil <Phil.Jenkins@dfo-mpo.gc.ca> Sent: Wednesday, February 6, 2019 4:59 PM

To: Lubczuk, Jocelyn < Jocelyn.Lubczuk@dfo-mpo.gc.ca>

Cc: Saindon, Carole <Carole.Saindon@dfo-mpo.gc.ca>; Eatmon, Keegan <Keegan.Eatmon@dfo-mpo.gc.ca>; Des Rosiers,

Marie-Pascale <Marie-Pascale.DesRosiers@dfo-mpo.gc.ca>; Tran, Thi <Thi.Tran@dfo-mpo.gc.ca>; Simons, Fiona

<Fiona.Simons@dfo-mpo.gc.ca>; Seguin, Natalie <Natalie.Seguin@dfo-mpo.gc.ca>; Girouard, Louise

mpo.gc.ca>; NCR Media RCN (DFO/MPO) < Media.XNCR@dfo-mpo.gc.ca>; Quinn, Caroline < Caroline.Quinn@dfo-

mpo.gc.ca>

Subject: RE: DFO media advisory: Technical briefing on PRV peer review

Here you go:

### cstephen@cwhc-rcsf.ca

From: Lubczuk, Jocelyn

**Sent:** February-06-19 4:52 PM

To: Jenkins, Phil < Phil. Jenkins@dfo-mpo.gc.ca>

Cc: Saindon, Carole < Carole.Saindon@dfo-mpo.gc.ca >; Eatmon, Keegan < Keegan.Eatmon@dfo-mpo.gc.ca >; Des Rosiers,

Marie-Pascale < Marie-Pascale. Des Rosiers @dfo-mpo.gc.ca >; Tran, Thi < Thi. Tran@dfo-mpo.gc.ca >; Simons, Fiona

<Fiona.Simons@dfo-mpo.gc.ca>; Seguin, Natalie <Natalie.Seguin@dfo-mpo.gc.ca>; Girouard, Louise

<Louise.Girouard@dfo-mpo.gc.ca>; Bate, Dan <Dan.Bate@dfo-mpo.gc.ca>; Rainer, Michelle <Michelle.Rainer@dfo-</p>

mpo.gc.ca>; NCR Media RCN (DFO/MPO) < Media.XNCR@dfo-mpo.gc.ca>; Quinn, Caroline < Caroline.Quinn@dfo-

mpo.gc.ca>

Subject: RE: DFO media advisory: Technical briefing on PRV peer review

Hello Phil,

Bumping my question below. Do you have his email you could share?

thanks!

s.16(2)(c)

Jocelyn Lubczuk

Press Secretary
Fisheries, Oceans and the Canadian Coast Guard
Jocelyn.lubczuk@dfo-mpo.gc.ca

From: Lubczuk, Jocelyn

**Sent:** Wednesday, February 6, 2019 4:28 PM **To:** Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca >

Cc: Saindon, Carole <<u>Carole.Saindon@dfo-mpo.gc.ca</u>>; Eatmon, Keegan <<u>Keegan.Eatmon@dfo-mpo.gc.ca</u>>; Des Rosiers, Marie-Pascale <<u>Marie-Pascale.DesRosiers@dfo-mpo.gc.ca</u>>; Tran, Thi <<u>Thi.Tran@dfo-mpo.gc.ca</u>>; Simons, Fiona <<u>Fiona.Simons@dfo-mpo.gc.ca</u>>; Seguin, Natalie <<u>Natalie.Seguin@dfo-mpo.gc.ca</u>>; Girouard, Louise <<u>Louise.Girouard@dfo-mpo.gc.ca</u>>; Bate, Dan <<u>Dan.Bate@dfo-mpo.gc.ca</u>>; Rainer, Michelle <<u>Michelle.Rainer@dfo-mpo.gc.ca</u>>; NCR Media RCN (DFO/MPO) <<u>Media.XNCR@dfo-mpo.gc.ca</u>>; Quinn, Caroline <<u>Caroline.Quinn@dfo-mpo.gc.ca</u>>

Subject: RE: DFO media advisory: Technical briefing on PRV peer review

Hi Phil,

Can you share Stephen Craig's email? It is not opening properly on my computer.

thanks!

### Jocelyn Lubczuk

Press Secretary
Fisheries, Oceans and the Canadian Coast Guard
Jocelyn.lubczuk@dfo-mpo.gc.ca

From: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca > Sent: Wednesday, February 6, 2019 4:08 PM

To: Lubczuk, Jocelyn < Jocelyn.Lubczuk@dfo-mpo.gc.ca>

Cc: Saindon, Carole < Carole.Saindon@dfo-mpo.gc.ca >; Eatmon, Keegan < Keegan.Eatmon@dfo-mpo.gc.ca >; Des Rosiers, Marie-Pascale < Marie-Pascale.DesRosiers@dfo-mpo.gc.ca >; Tran, Thi < Thi.Tran@dfo-mpo.gc.ca >; Simons, Fiona < Fiona.Simons@dfo-mpo.gc.ca >; Seguin, Natalie < Natalie.Seguin@dfo-mpo.gc.ca >; Girouard, Louise < Louise.Girouard@dfo-mpo.gc.ca >; Bate, Dan < Dan.Bate@dfo-mpo.gc.ca >; Rainer, Michelle < Michelle.Rainer@dfo-mpo.gc.ca >; NCR Media RCN (DFO/MPO) < Media.XNCR@dfo-mpo.gc.ca >; Quinn, Caroline < Caroline.Quinn@dfo-mpo.gc.ca >

Subject: RE: DFO media advisory: Technical briefing on PRV peer review

Hi Jocelyn,

Stephen Craig's email address and phone number is public, on the CSAS website found here: Scroll down to Jan 28-30 Risk Assessment meeting, Vancouver

http://www.meds-sdmm.dfo-mpo.gc.ca/csas-sccs/applications/events-evenements/result-eng.asp?year=2019

As for Cohen connection, I suggest we direct reporter to the Terms of Reference for the PRV Risk Assessment review

http://www.dfo-mpo.gc.ca/csas-sccs/Schedule-Horraire/2019/01 28-30-eng.html

and look at our NR announcing the peer review on PRV <a href="https://www.canada.ca/en/fisheries-oceans/news/2018/09/fisheries-and-oceans-canada-launches-assessment-to-examine-the-risk-of-piscine-reovirus-transfer-from-farmed-atlantic-salmon-aquaculture-to-wild-fr.html">https://www.canada.ca/en/fisheries-oceans/news/2018/09/fisheries-and-oceans-canada-launches-assessment-to-examine-the-risk-of-piscine-reovirus-transfer-from-farmed-atlantic-salmon-aquaculture-to-wild-fr.html</a>

Phil

613-949-1099

From: Lubczuk, Jocelyn
Sent: February-06-19 3:5

**Sent:** February-06-19 3:57 PM

To: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>

**Cc:** Saindon, Carole < <u>Carole.Saindon@dfo-mpo.gc.ca</u>>; Eatmon, Keegan < <u>Keegan.Eatmon@dfo-mpo.gc.ca</u>>; Des Rosiers,

Marie-Pascale < Marie-Pascale. DesRosiers@dfo-mpo.gc.ca >; Tran, Thi < Thi. Tran@dfo-mpo.gc.ca >; Simons, Fiona

< Fiona. Simons@dfo-mpo.gc.ca >; Seguin, Natalie < Natalie. Seguin@dfo-mpo.gc.ca >; Girouard, Louise

< Louise. Girouard@dfo-mpo.gc.ca >; Bate, Dan < Dan. Bate@dfo-mpo.gc.ca >; Rainer, Michelle < Michelle. Rainer@dfo-

<u>mpo.gc.ca</u>>; NCR Media RCN (DFO/MPO) < <u>Media.XNCR@dfo-mpo.gc.ca</u>> **Subject:** Re: DFO media advisory: Technical briefing on PRV peer review

She is broadcast media, so would like some visual for her story

### Jocelyn Lubczuk

Press Secretary
Fisheries, Oceans and the Canadian Coast Guard
Jocelyn.lubczuk@dfo-mpo.gc.ca

On Feb 6, 2019, at 3:36 PM, Jenkins, Phil < <a href="mailto:Phil.Jenkins@dfo-mpo.gc.ca">Phil.Jenkins@dfo-mpo.gc.ca</a> wrote:

On it.

Not sure why she can't use anything from the tech brief. (?)

Phil

From: Saindon, Carole

**Sent:** February-06-19 3:33 PM

To: Lubczuk, Jocelyn < Jocelyn.Lubczuk@dfo-mpo.gc.ca>

**Cc:** Eatmon, Keegan < Keegan.Eatmon@dfo-mpo.gc.ca>; Des Rosiers, Marie-Pascale < Marie-Pascale.DesRosiers@dfo-mpo.gc.ca>; Tran, Thi < Thi.Tran@dfo-mpo.gc.ca>; Simons, Fiona < Fiona.Simons@dfo-mpo.gc.ca>; Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>; Seguin, Natalie < Natalie.Seguin@dfo-mpo.gc.ca>; Girouard, Louise < Louise.Girouard@dfo-mpo.gc.ca>; Bate, Dan < Dan.Bate@dfo-mpo.gc.ca>; Rainer, Michelle < Michelle.Rainer@dfo-mpo.gc.ca>; NCR Media RCN

(DFO/MPO) < Media.XNCR@dfo-mpo.gc.ca >

Subject: RE: DFO media advisory: Technical briefing on PRV peer review

Importance: High

s.16(2)(c)

Hi Jocelyn, Copying colleagues on the PRV file.

Carole	•
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From: Lubczuk, Jocelyn Sent: February-06-19 3:18 PM

To: NCR Media RCN (DFO/MPO); Saindon, Carole; Eatmon, Keegan; Stanek, Frank; Des Rosiers, Marie-

Pascale; Tran, Thi; Simons, Fiona

Subject: Fwd: DFO media advisory: Technical briefing on PRV peer review

Hello all,

I just got off the phone with

She is seeking an in camera interview with the Co-chair that is based in Vancouver.

She says she can't use anything from the tech brief.

Further, can you provide more information about when the CSAS panel begun their work? And further, can you please provide more information about its connection to Cohen?

Thanks!

Joc

### Jocelyn Lubczuk

Press Secretary
Fisheries, Oceans and the Canadian Coast Guard
Jocelyn.lubczuk@dfo-mpo.gc.ca

Begin forwarded message:

From: "Lubczuk, Jocelyn" < Jocelyn. Lubczuk@dfo-mpo.gc.ca>

Date: February 6, 2019 at 2:51:41 PM EST

To:

Cc: "Rainer, Michelle" < Michelle.Rainer@dfo-mpo.gc.ca>

Subject: Re: DFO media advisory: Technical briefing on PRV peer review

do you have a moment to give me a shout at

Thanks!

Jocelyn Lubczuk

Press Secretary
Fisheries, Oceans and the Canadian Coast Guard
Jocelyn.lubczuk@dfo-mpo.gc.ca

On Feb 6, 2019, at 2:49 PM,

wrote:

Thank you

s.16(2)(c)

Do you have a backgrounder on this to provide context as to why you are having this technical briefing? And is there any availability for on camera interviews. Phone briefings don't really help broadcasters

On Feb 6, 2019, at 11:47 AM, Lubczuk, Jocelyn < <u>Jocelyn.Lubczuk@dfompo.gc.ca</u>> wrote:

There will be a media QA following the technical briefing with the scientific experts.

### Jocelyn Lubczuk

Press Secretary
Fisheries, Oceans and the Canadian Coast Guard
Jocelyn.lubczuk@dfo-mpo.gc.ca

On Feb 6, 2019, at 2:44 PM,

wrote:

Thanks for this.

So to be clear however – there is no media availability for this?

Just a technical briefing? Will there be a follow avail with the Minister?

From: Rainer, Michelle

[mailto:Michelle.Rainer@dfo-mpo.gc.ca] **Sent:** Wednesday, February 06, 2019

11:37 AM

**Subject:** DFO media advisory:

Technical briefing on PRV peer review

Media Advisory / Avis médias

The attached media advisory was issued today. / L'avis médias a été émis aujourd'hui.

Co-chairs of peer review committee to give technical briefing/ Les coprésidents du comité d'examen par les pairs donneront une séance d'information technique

s.19(1)

#### Links:

https://www.canada.ca/en/fisheriesoceans/news/2019/02/co-chairs-of-

peer-review-committee-to-givetechnical-briefing.html https://www.canada.ca/fr/pechesoceans/nouvelles/2019/02/lescopresidents-du-comite-dexamen-parles-pairs-donneront-une-seancedinformation-technique.html

No information has been removed or severed from this page

## Fagan, Ashley

From:

Anderson, Laura

Sent:

February-06-19 5:30 PM

To:

Jenkins, Phil; Girouard, Louise; Dumais, Annie

Cc:

Bate, Dan; Rainer, Michelle

Subject:

RE: Social media for PRV tech briefing.

This is perfect Phil, thanks.

Do you know if title of the piece will be the Newsroom tweet? If not, that's what we'll use.

If you are using the title as the newsroom tweet, I'm thinking issuing only a slight variation. As simple as:

"Results of peer-reviewed study on the risk to Fraser River sockeye salmon due to possible Piscine Orthoreovirus (PRV) transfer from Atlantic salmon farms: < link to news release>"

#### Laura Anderson

Team-Lead, Digital Communications
Fisheries and Oceans Canada/Government of Canada
Laura.Anderson@dfo-mpo.gc.ca /Tel: 604-666-0392

Chef d'équipe, Communications numériques Pêches et Océans Canada/Gouvernement du Canada Laura.Anderson@dfo-mpo.gc.ca / Tél. 604-666-0392

From: Jenkins, Phil < Phil. Jenkins@dfo-mpo.gc.ca>
Sent: Wednesday, February 6, 2019 2:17 PM

To: Anderson, Laura < Laura. Anderson@dfo-mpo.gc.ca>; Girouard, Louise < Louise. Girouard@dfo-mpo.gc.ca>; Dumais,

Annie <Annie.Dumais@dfo-mpo.gc.ca>
Cc: Bate, Dan <Dan.Bate@dfo-mpo.gc.ca>
Subject: RE: Social media for PRV tech briefing.

Here you go. So this is for the NR, not the tech brief.

NR will go out sometime tomorrow, likely around 1:30 ET.

Phil

From: Anderson, Laura

**Sent:** February-06-19 5:12 PM

To: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca >; Girouard, Louise < Louise.Girouard@dfo-mpo.gc.ca >

Cc: Bate, Dan < Dan.Bate@dfo-mpo.gc.ca > Subject: RE: Social media for PRV tech briefing.

Yes, exactly. I haven't seen the news release and so can't write the tweet.

Can you send our way please, and if your team is writing the supporting DFO Regional tweet as well as the NewsRoom tweet, can you let me know so I know that I'll have something approved and ready to issue when the news release goes out?

Thanks!

Laura Anderson

Team-Lead, Digital Communications
Fisheries and Oceans Canada/Government of Canada
Laura.Anderson@dfo-mpo.gc.ca /Tel: 604-666-0392

Chef d'équipe, Communications numériques Pêches et Océans Canada/Gouvernement du Canada Laura.Anderson@dfo-mpo.gc.ca / Tél. 604-666-0392

From: Jenkins, Phil < <a href="mailto:Phil.Jenkins@dfo-mpo.gc.ca">Phil.Jenkins@dfo-mpo.gc.ca</a> Sent: Wednesday, February 6, 2019 2:06 PM

To: Girouard, Louise < Louise. Girouard@dfo-mpo.gc.ca >

Cc: Anderson, Laura < Laura. Anderson@dfo-mpo.gc.ca >; Bate, Dan < Dan. Bate@dfo-mpo.gc.ca >

Subject: RE: Social media for PRV tech briefing.

That makes two of us.

Is this about what to Tweet to support the NR?

Phil

From: Girouard, Louise

Sent: February-06-19 4:36 PM

To: Jenkins, Phil < Phil. Jenkins@dfo-mpo.gc.ca>

Cc: Anderson, Laura < Laura. Anderson@dfo-mpo.gc.ca>; Bate, Dan < Dan. Bate@dfo-mpo.gc.ca>

Subject: FW: Social media for PRV tech briefing.

Phil, can you clarify the social media requirements for tomorrow? Not sure I understand.

L

From: Anderson, Laura < Laura. Anderson@dfo-mpo.gc.ca >

Sent: Wednesday, February 6, 2019 1:34 PM

To: Bate, Dan < Dan.Bate@dfo-mpo.gc.ca >; Girouard, Louise < Louise.Girouard@dfo-mpo.gc.ca >

Subject: Social media for PRV tech briefing.

Hello,

Reminder that NHQ wants us to do this, send through translation/approvals/legal and I have no information on it at all. ③

Laura Anderson

Team-Lead, Digital Communications

Fisheries and Oceans Canada/Government of Canada <u>Laura.Anderson@dfo-mpo.gc.ca</u> /Tel: 604-666-0392

Chef d'équipe, Communications numériques Pêches et Océans Canada/Gouvernement du Canada Laura.Anderson@dfo-mpo.gc.ca / Tél. 604-666-0392 Document Released Under the Access to Information Act / Document divulgué en vertu de la Loi sur l'accès à l'information.

No information has been removed or severed from this page

## Fagan, Ashley

From:

Saindon, Carole

Sent:

February-06-19 5:53 PM

To:

Parsons, Jay

Cc:

Jenkins, Phil; Szerze, Anita

**Subject:** 

Gilles Olivier email

**Importance:** 

High

Hi Jay,

Comms would like to share Gilles Olivier's email with one francophone reporter out of Vancouver who is hoping to interview him after tomorrow's briefing.

What we have on hand is Mr Olivier's DFO email. Can I ask you to share the non-DFO email for Mr Olivier please?

Much appreciated, Carole

Carole Saindon

Senior Advisor, Media Relations

Conseillère principale, Relations avec les médias

Fisheries, Oceans and the Canadian Coast Guard/ Pêches, océans et la Garde côtière canadienne

T:613-990-0189

Follow us on Twitter @DFO\_MPO and CCG-GCC | Suivez-nous sur Twitter @MPO\_DFO et GCC\_CCG

## Fagan, Ashley

From:

Parsons, Jay

Sent:

February-06-19 10:16 PM

To:

Jenkins, Phil

Subject:

RE: Call in numbers for Jay, Gilles and Craig

Phil, is there a passcode or not?

Thanks, Jay

From: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca> Sent: Wednesday, February 6, 2019 5:36 PM

To: Parsons, Jay <Jay.Parsons@dfo-mpo.gc.ca>; Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>

Cc: Saindon, Carole <Carole.Saindon@dfo-mpo.gc.ca>; Seguin, Natalie <Natalie.Seguin@dfo-mpo.gc.ca>; Szerze, Anita

<Anita.Szerze@dfo-mpo.gc.ca>

Subject: Call in numbers for Jay, Gilles and Craig

For the tech briefing. They should be on the line a half an hour before the briefing starts....10:30 PT, 1:30 ET

Moderator and Guest speakers:

Toll-free dial-in number (Canada/US):

1-877-413-4813

Local dial-in number:

613-960-7525

Parsons, Jay	
From: Sent: To: Subject: Attachments:	Marty, Gary D AGRI:EX <gary.marty@gov.bc.ca> Thursday, February 07, 2019 12:10 AM Parsons, Jay Re: CSAS PRV communications image001.png</gary.marty@gov.bc.ca>
Hi Jay,	
Thanks for sending this. One of	the bullets seems to be missing something:
The risk assessment assumed: coinfection with PRV-1 that the exp	ontinuous shedding from farms, that susceptible Fraser River Sockeye Salmon are to posure time;
The fist two parts would be corresusceptible to infection with PRV	ect if reworded: "continuous shedding from farms, that Fraser River Sockeye Salmon are 7-1"
I am not able to provide a sugges	stion for what to do with "that the exposure time;".
Best regards,	
Gary	
Gary D. Marty, D.V.M., Ph.D., Dip Fish Pathologist Animal Health Centre Ministry of Agriculture 1767 Angus Campbell Rd. Abbotsford, BC, V3G 2M3 604-556-3123	olomate, A.C.V.P.

From: Parsons, Jay <Jay.Parsons@dfo-mpo.gc.ca>

Sent: February-06-19 7:07 PM

Document Released Under the Access to Information Act / Document divulgué en vertu

To: Olivier, Gilles; 'cstephen@cwhc-rc		de Struthers, Alistair; Gagne, Nellie; ation.
'Nathalie.N.Bruneau@inspection.gc.ca		Miller-Saunders, Kristi;
Provide a Company Kida Pal		niven@vet.dtu.dk'; 'mark.powell@hi.no';
	inski, Mark; Weber, Lily; Milmeauit, Ca	roline; Holt, Kendra; Johnson, Stewart;
Jones, Simon; 'tony.farrell@ubc.ca';	: Marty, Gary D AGRI:EX;	
Boily, France	, Waity, daily D Admit,	
Subject: CSAS PRV communications		
Subject. Constitutions		

Colleagues,

I want to provide a quick update following the PRV CSAS meeting from last week. We are finalizing the other sections of the SAR (Background, Analysis and Other Considerations) and we should be able to distribute this to you for your review by next week.

As well, given the considerable interest on PRV in British Columbia and in the spirit of transparency, there is much interest in having the Department communicate some information on this process. To that end, the Department will issue a News Release tomorrow on the high level findings of the CSAS meeting. The News Release will be a plain language summary of the key findings and it will be consistent with the wording of the agreed-to summary bullets that we developed at the meeting. In addition, there will be a media technical briefing tomorrow by the Co-chairs on the key findings of the CSAS meeting (i.e., the summary bullets).

I recognize that as a result of the News Release and the media technical briefing, media may approach some of you with questions on the process and / or findings. If approached by the media, we ask that any discussion on the results of the peer-review be limited to our agreed-on summary bullets, at least until the full SAR is approved by everyone. As a reminder, I have attached the summary bullets as discussed at the meeting.

Please let me know if there are any questions or concerns.

Jay

Jay Parsons, PhD

Director

Aquaculture, Biotechnology and Aquatic Animal Health Sciences Branch Fisheries and Oceans Canada / Government of Canada

200 Kent Street, Stn 12E239 Ottawa, ON Canada K1A ÕE6 Jay.Parsons@dfo-mpo.gc.ca/<mailto:Jay.Parsons@dfo-mpo.gc.ca/> Tel. 613-990-0278

### Directeur

Direction des sciences de l'aquaculture, de la biotechnologie et santé des animaux aquatiques Pêches et Océans Canada / Gouvernement du Canada

200 Kent Street, Stn 12E239 Ottawa, ON Canada K1A 0E6 Jay.Parsons@dfo-mpo.gc.ca / Tél. 613-990-0278

[http://inter-dev.ent.dfo-mpo.ca/images/email-canada-wordmark.png]

s.19(1)

# Polinski, Mark

From:	
Sent:	Thursday, February 7, 2019 7:09 AM
To:	Farrell, Anthony
Cc:	Parsons, Jay; Olivier, Gilles; cstephen@cwhc-rcsf.ca; Burgetz, Ingrid; Waddington, Zar Struthers, Alistair; Gagne, Nellie; Nathalie.N.Bruneau@inspection.gc.ca; Myron.Roth@gov.bc.ca; Miller-Saunders, Kristi; espen.rimstad@nmbu.no; niven@vet.dtu.dk; mark.powell@hi.no; iagardner@upei.ca; Garver, Kyle; Polinski, Mark; Weber, Lily; Mimeault, Caroline; Holt Kendra; Johnson, Stewart; Jones, Simon; Gary.Marty@gov.bc.ca; Boily, France
Subject:	Re: CSAS PRV communications
(CTV) and accepted/allowed).	(Global) are apprised and will be on this call (assuming they are
On Feb 7, 2019, at 5:03 A	AM, Farrell, Anthony < tony.farrell@ubc.ca > wrote:
Jay	
Great to hear the dissemination.	hat DFO is moving swiftly and with transparency in terms of public
Best	
Tony	
Date: Wednesday To: "Olivier, Gille < <u>cstephen@cwhc-</u> Zac" < <u>Zac.Waddin</u> mpo.gc.ca>, "Gag "'Nathalie.N.Brune < <u>Myron.Roth@go</u> Miller-Saunders < <u><espen.rimstad@r< u=""> &lt;<u>mark.powell@hi</u> &lt;<u>Kyle.Garver@df</u></espen.rimstad@r<></u>	Jay" <jay.parsons@dfo-mpo.gc.ca> , February 6, 2019 at 7:08 PM es" <gilles.olivier@dfo-mpo.gc.ca>, "'cstephen@cwhc-rcsf.ca'" -rcsf.ca&gt;, "Burgetz, Ingrid" <ingrid.burgetz@dfo-mpo.gc.ca>, "Waddington, ngton@dfo-mpo.gc.ca&gt;, "Struthers, Alistair" <alistair.struthers@dfo- <nellie.gagne@dfo-mpo.gc.ca="" ne,="" nellie"="">, eau@inspection.gc.ca'" <nathalie.n.bruneau@inspection.gc.ca>, Myron Roth ov.bc.ca&gt;, '  "espen.rimstad@nmbu.no" nmbu.no&gt;, "'niven@vet.dtu.dk'" <niven@vet.dtu.dk>, "mark.powell@hi.no" .no&gt;, "'iagardner@upei.ca'" <iagardner@upei.ca>, Kyle Garver o-mpo.gc.ca&gt;, "Mimeault, Caroline" <caroline.mimeault@dfo- r@dfo-mpo.gc.ca="">, "Mimeault, Caroline" <caroline.mimeault@dfo-< td=""></caroline.mimeault@dfo-<></caroline.mimeault@dfo-></iagardner@upei.ca></niven@vet.dtu.dk></nathalie.n.bruneau@inspection.gc.ca></alistair.struthers@dfo-></ingrid.burgetz@dfo-mpo.gc.ca></gilles.olivier@dfo-mpo.gc.ca></jay.parsons@dfo-mpo.gc.ca>

mpo.gc.ca>, "Holt, Kendra" < Kendra.Holt@dfo-mpo.gc.ca>, "Johnson, Stewart" < Stewart.Johnson@dfo-mpo.gc.ca>, Simon Jones < Simon.Jones@dfo-mpo.gc.ca>,

"Farrell, Anthony" < tony.farrell@ubc.ca>, "Gary.Marty@gov.bc.ca"

<<u>Gary.Marty@gov.bc.ca</u>>,

-, "Boily, France" < France.Boily@dfo-mpo.gc.ca>

**Subject:** CSAS PRV communications

Colleagues,

I want to provide a quick update following the PRV CSAS meeting from last week. We are finalizing the other sections of the SAR (Background, Analysis and Other Considerations) and we should be able to distribute this to you for your review by next week.

As well, given the considerable interest on PRV in British Columbia and in the spirit of transparency, there is much interest in having the Department communicate some information on this process. To that end, the Department will issue a News Release tomorrow on the high level findings of the CSAS meeting. The News Release will be a plain language summary of the key findings and it will be consistent with the wording of the agreed-to summary bullets that we developed at the meeting. In addition, there will be a media technical briefing tomorrow by the Co-chairs on the key findings of the CSAS meeting (i.e., the summary bullets).

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Please let me know if there are any questions or concerns.

Jay

# Jay Parsons, PhD

#### Director

Aquaculture, Biotechnology and Aquatic Animal Health Sciences Branch Fisheries and Oceans Canada / Government of Canada 200 Kent Street, Stn 12E239 Ottawa, ON Canada K1A 0E6 Jay.Parsons@dfo-mpo.gc.ca/ Tel. 613-990-0278

# Directeur

Direction des sciences de l'aquaculture, de la biotechnologie et santé des animaux aquatiques Pêches et Océans Canada / Gouvernement du Canada 200 Kent Street, Stn 12E239 Ottawa, ON Canada K1A 0E6 Jay.Parsons@dfo-mpo.gc.ca / Tél. 613-990-0278

<image001.png>

s.19(1)

# Please do not distribute until final publication

# **SUMMARY BULLETS**

CSAS PRV Risk Assessment Peer-review Meeting January 28-30, 2019

# Piscine Orthoreovirus (PRV) Transfer Risk Assessment

- PRV-1 released from Atlantic Salmon (Salmo salar) farms operating in the Discovery Islands area was assessed to pose minimal risk to Fraser River Sockeye Salmon abundance and diversity. The uncertainties ranged from high certainty to high uncertainty (see below and Table 1).
- The assessment was conducted using relevant scientific information related to piscine orthoreovirus (PRV-1), including farm-related fish health data, current fish health management practices, and surveys and studies from enhanced and wild salmon in British Columbia.
- The risk assessment was conducted based on the findings that all active farms become
  positive for PRV-1 and Fraser River Sockeye Salmon (Oncorhynchus nerka) are
  susceptible to PRV-1.
- The risk assessment assumed:
  - continuous shedding from farms, that susceptible Fraser River Sockeye Salmon are to infection with PRV-1 that the exposure time;
  - dose are sufficient to cause infection in at least one Fraser River Sockeye Salmon when they migrate through the Discovery Islands; and
  - that results for laboratory studies on the impact of PRV-1 infection in juvenile Sockeye Salmon are indicative of what occurs in marine environments.
- The Likelihood Assessment concluded that at least one Fraser River Sockeye Salmon, at either the juvenile or adult stage, becoming infected with PRV-1 attributable to Atlantic salmon from in Discovery Islands area is very likely with high uncertainty.
- The Consequence Assessment concluded that the potential magnitude to consequences
  of Fraser River Sockeye Salmon abundance and diversity would be negligible with
  reasonable certainty for juveniles and reasonable uncertainty for adults. The levels of the
  uncertainty of this conclusion was discussed and expert participants came to different
  conclusions on the applicability and abundance of the data to support uncertainty
  estimates.
- The main areas where uncertainties were identified were associated with (1) the likelihood
  of infection because of the lack of data to estimate the concentration of PRV-1 from
  infected Atlantic salmon farms, the exposure duration required for infection to occur and
  the minimum infectious dose for adult and juvenile Sockeye salmon; and (2) the use of
  proxy data and the laboratory studies provided to estimate consequences to Sockeye
  Salmon.

Additionally, this risk assessment was informed by a summary of the current state of knowledge related to piscine orthoreovirus (PRV) and associated diseases (Polinski and Garver, in preparation) of which the most relevant elements are summarized below.

# Please do not distribute until final publication

# Characterization of Piscine Orthoreovirus (PRV) and Associated Diseases

- Of the three known PRV genotypes, PRV-1 occurs in BC, Norway and other areas. The variant of PRV-1 found in British Columbia is the subject of the risk assessment.
- Data from Norway suggests there is variation in the virulence among strains of PRV-1. In British Columbia, PRV-1 is of lower genetic variability and has lower virulence in Atlantic Salmon relative to PRV-1-infected Atlantic Salmon in Norway.
- PRV-1 is ubiquitous and highly prevalent in marine net-pen farmed Atlantic and Chinook Salmon of British Columbia. PRV-1 has a wide geographic distribution among wild Pacific salmon (BC, Alaska and Washington) but at a lower prevalence than farmed salmon and with species/stock-specific variation.
- Evidence of infection for PRV-1 relies on the use of molecular methods which detect the presence of PRV-1 genetic material.
- PRV-1 infects red blood cells. High loads of PRV-1 have been reported in Atlantic and Sockeye Salmon.
- In laboratory challenge trials, in juvenile Atlantic or Sockeye Salmon, the high load of PRV-1 is not predicative of disease state.
- Farmed and wild salmon of British Columbia appear most likely to become infected with PRV-1 in seawater, although infections in juvenile salmon have been reported in fresh water.
- Sockeye Salmon appear less susceptible to infection relative to Atlantic Salmon in British Columbia following experimental exposure.
- PRV-1 has been associated with severe heart inflammation in farmed Atlantic Salmon or jaundice/anemia syndrome in farmed Chinook Salmon in British Columbia; but a causal relationship has not been established.
- In laboratory challenge trials with juvenile Atlantic Salmon, when high viral loads are generated, BC PRV-1 can cause minor to moderate lesions, but no fish mortalities nor clinical signs nor anaemia were observed.
- In multiple laboratory challenge trials with juvenile Sockeye Salmon when high viral loads of PRV-1 are generated, no fish mortalities nor clinical signs nor anaemia were observed and the interpretation of the histopathology results (i.e., lesions) was not conclusive.
- No impairment of respiratory function has been demonstrated in BC PRV-1 infected juvenile Atlantic or Sockeye Salmon under experimental conditions.
- Based on observations described above, there is currently no evidence to suggest that PRV-1 causes disease or mortality in Sockeye Salmon.

# Moore, Wayne

From:

Moore, Wayne

Sent:

February 7, 2019 8:36 AM

To:

Jenkins, Phil; Birba, Rose Gabrielle (DOJ); House, Matthew (DOJ); Parsons, Jay

Cc:

Quinn, Caroline; McElhone, Kathryn; ComApproval / Approbation (DFO/MPO); Laforce,

Valerie

Subject:

Re: For MinO Approval | Updated News Release and MLs | PRV Media Briefing

**Categories:** 

ATIP

Sent from my Bell Samsung device over Canada's largest network.

----- Original message -----

From: "Jenkins, Phil" < Phil.Jenkins@dfo-mpo.gc.ca>

Date: 2019-02-07 8:33 AM (GMT-05:00)

To: "Birba, Rose Gabrielle (DOJ)" <Rose-Gabrielle.Birba@justice.gc.ca>, "House, Matthew (DOJ)" <Matthew.House@justice.gc.ca>, "Moore, Wayne" <Wayne.Moore@dfo-mpo.gc.ca>, "Parsons, Jay"

<Jay.Parsons@dfo-mpo.gc.ca>

Cc: "Quinn, Caroline" < Caroline.Quinn@dfo-mpo.gc.ca>, "McElhone, Kathryn" < Kathryn.Mcelhone@dfo-mpo.gc.ca>, "ComApproval / Approbation (DFO/MPO)" < ComApproval/Approbation.XNCR@dfo-

mpo.gc.ca>, "Laforce, Valerie" < Valerie.Laforce@dfo-mpo.gc.ca>

Subject: RE: For MinO Approval | Updated News Release and MLs | PRV Media Briefing

Thanks,

s.21(1)(a) s.21(1)(b)

s.23

Phil

From: Birba, Rose-Gabrielle [mailto:Rose-Gabrielle.Birba@justice.gc.ca]

Sent: February-07-19 8:29 AM

To: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>; House, Matthew (DOJ) < Matthew.House@justice.gc.ca>; Moore,

Wayne < Wayne. Moore@dfo-mpo.gc.ca>; Parsons, Jay < Jay. Parsons@dfo-mpo.gc.ca>

**Cc:** Quinn, Caroline <Caroline.Quinn@dfo-mpo.gc.ca>; McElhone, Kathryn <Kathryn.Mcelhone@dfo-mpo.gc.ca>; ComApproval / Approbation (DFO/MPO) <ComApproval/Approbation.XNCR@dfo-mpo.gc.ca>; Laforce, Valerie <Valerie.Laforce@dfo-mpo.gc.ca>

Subject: Re: For MinO Approval | Updated News Release and MLs | PRV Media Briefing

Sorry

# **Thanks**

Rose-Gabrielle Birba General Counsel and Deputy Head **DFO Legal Services** 

BlackBerry:

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Jenkins, Phil

Sent: Thursday, February 7, 2019 8:26 AM

s.16(2)(c)To: House, Matthew; Birba, Rose-Gabrielle; Moore, Wayne; Parsons, Jay

Cc: Quinn, Caroline; McElhone, Kathryn; ComApproval / Approbation (DFO/MPO); Laforce, Valerie

Subject: FW: For MinO Approval | Updated News Release and MLs | PRV Media Briefing

s.21(1)(b) s.23

s.21(1)(a)

See below: we're back on this issue. Need to resolve this am.

Phil

From: Des Rosiers, Marie-Pascale Sent: February-06-19 9:49 PM

To: ComApproval / Approbation (DFO/MPO) < ComApproval/Approbation.XNCR@dfo-mpo.gc.ca>; Lubczuk, Jocelyn <Jocelyn.Lubczuk@dfo-mpo.gc.ca>; Tran, Thi <Thi.Tran@dfo-mpo.gc.ca>; Hill, Johanna <Johanna.Hill@dfo-mpo.gc.ca>; O'Grady, Samantha <Samantha.O'grady@dfo-mpo.gc.ca>; Choeurng, Stephanie <Stephanie.Choeurng@dfo-mpo.gc.ca>; Windsor, Victoria < Victoria. Windsor@dfo-mpo.gc.ca>; Windsor, Victoria < Victoria. Windsor@dfo-mpo.gc.ca>; Mitchell, Laura <Laura.Mitchell@dfo-mpo.gc.ca>; O'Halloran, Mark <Mark.O'Halloran@dfo-mpo.gc.ca>; McIntyre, Alexis <Alexis.McIntyre@dfo-mpo.gc.ca>; Simons, Fiona <Fiona.Simons@dfo-mpo.gc.ca>; Mullan-Boudreau, Caitlin <Caitlin.Mullan-Boudreau@dfo-mpo.gc.ca>

**Cc:** Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>; Legal.Correspondence / Correspondance.Juridique (DFO-MPO) <Legal.Correspondence@dfo-mpo.gc.ca>; Sharzer, Stephen (DOJ) <stephen.sharzer@justice.gc.ca>; Seguin, Natalie <Natalie.Seguin@dfo-mpo.gc.ca>; McElhone, Kathryn <Kathryn.Mcelhone@dfo-mpo.gc.ca>; Quinn, Caroline <Caroline.Quinn@dfo-mpo.gc.ca>; Belle-Isle, Alain <Alain.Belle-Isle@dfo-mpo.gc.ca>; Jenkins, Phil <Phil.Jenkins@dfompo.gc.ca>; Szerze, Anita <Anita.Szerze@dfo-mpo.gc.ca>

Subject: RE: For MinO Approval | Updated News Release and MLs | PRV Media Briefing

From: ComApproval / Approbation (DFO/MPO) < ComApproval/Approbation.XNCR@dfo-mpo.gc.ca> Sent: Wednesday, February 6, 2019 9:19 PM

To: ComApproval / Approbation (DFO/MPO) < ComApproval/Approbation.XNCR@dfo-mpo.gc.ca>; Des Rosiers, Marie-Pascale <Marie-Pascale.DesRosiers@dfo-mpo.gc.ca>; Lubczuk, Jocelyn <Jocelyn.Lubczuk@dfo-mpo.gc.ca>; Tran, Thi <Thi.Tran@dfo-mpo.gc.ca>; Hill, Johanna <Johanna.Hill@dfo-mpo.gc.ca>; O'Grady, Samantha <Samantha.O'grady@dfompo.gc.ca>; Choeurng, Stephanie <Stephanie.Choeurng@dfo-mpo.gc.ca>; Windsor, Victoria <Victoria.Windsor@dfompo.gc.ca>; Windsor, Victoria <Victoria.Windsor@dfo-mpo.gc.ca>; Mitchell, Laura <Laura.Mitchell@dfo-mpo.gc.ca>; O'Halloran, Mark <Mark.O'Halloran@dfo-mpo.gc.ca>; McIntyre, Alexis <Alexis.McIntyre@dfo-mpo.gc.ca>; Simons, Fiona <Fiona.Simons@dfo-mpo.gc.ca>; Mullan-Boudreau, Caitlin <Caitlin.Mullan-Boudreau@dfo-mpo.gc.ca> Cc: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>; Legal.Correspondence / Correspondance.Juridique (DFO-MPO) <Legal.Correspondence@dfo-mpo.gc.ca>; Sharzer, Stephen (DOJ) <stephen.sharzer@justice.gc.ca>; Seguin, Natalie <Natalie.Seguin@dfo-mpo.gc.ca>; McElhone, Kathryn <Kathryn.Mcelhone@dfo-mpo.gc.ca>; Quinn, Caroline <Caroline.Quinn@dfo-mpo.gc.ca>; Belle-Isle, Alain <Alain.Belle-Isle@dfo-mpo.gc.ca>; Jenkins, Phil <Phil.Jenkins@dfo-

mpo.gc.ca>; Szerze, Anita <Anita.Szerze@dfo-mpo.gc.ca>

Subject: RE: For MinO Approval | Updated News Release and MLs | PRV Media Briefing

Hello,

Just following up on this as we will need to make changes to the French.

Merci

Valérie Laforce

Communications Advisor
Ministerial Events and Editorial Services
Department of Fisheries and Oceans
Valerie.Laforce@dfo-mpo.gc.ca / NEW 613-990-0298

Conseillère en communications
Evénements ministériels et services de rédaction
Ministère des Pêches et Océans
Valerie.Laforce@dfo-mpo.gc.ca /NOUVEAU 613-990-0298

From: ComApproval / Approbation (DFO/MPO)

**Sent:** February-06-19 1:31 PM

**To:** Des Rosiers, Marie-Pascale; ComApproval / Approbation (DFO/MPO); Lubczuk, Jocelyn; Tran, Thi; Hill, Johanna; O'Grady, Samantha; Choeurng, Stephanie; Windsor, Victoria; Windsor, Victoria; Mitchell, Laura; O'Halloran, Mark; McIntyre, Alexis; Simons, Fiona; Mullan-Boudreau, Caitlin

**Cc:** Jenkins, Phil; Legal.Correspondence / Correspondance.Juridique (DFO-MPO); Sharzer, Stephen (DOJ); Seguin, Natalie; McElhone, Kathryn; Quinn, Caroline; Belle-Isle, Alain; Jenkins, Phil; Szerze, Anita

**Subject:** RE: For MinO Approval | Updated News Release and MLs | PRV Media Briefing

Hello,

Let us know if this version is approved

Valérie Laforce

Communications Advisor
Ministerial Events and Edit

Ministerial Events and Editorial Services
Department of Fisheries and Oceans

Valerie.Laforce@dfo-mpo.gc.ca / NEW 613-990-0298

s.21(1)(a)

s.21(1)(b)

s.23

Conseillère en communications

Evénements ministériels et services de rédaction

Ministère des Pêches et Océans

Valerie.Laforce@dfo-mpo.gc.ca /NOUVEAU 613-990-0298

**From:** Des Rosiers, Marie-Pascale **Sent:** February-05-19 10:23 PM

**To:** ComApproval / Approbation (DFO/MPO); Lubczuk, Jocelyn; Tran, Thi; Hill, Johanna; O'Grady, Samantha; Choeurng, Stephanie; Windsor, Victoria; Windsor, Victoria; Mitchell, Laura; O'Halloran, Mark; McIntyre, Alexis; Simons, Fiona;

Mullan-Boudreau, Caitlin

Cc: Jenkins, Phil; Legal.Correspondence / Correspondance.Juridique (DFO-MPO); Sharzer, Stephen (DOJ); Seguin, Natalie; McElhone, Kathryn; Quinn, Caroline; Belle-Isle, Alain

Subject: RE: For MinO Approval | Updated News Release and MLs | PRV Media Briefing

I'm not sure... I think it depends on the availabilities of the co-chairs. Thanks, M-P

From: ComApproval / Approbation (DFO/MPO) < ComApproval/Approbation.XNCR@dfo-mpo.gc.ca>

Sent: Tuesday, February 5, 2019 10:22 PM

To: Des Rosiers, Marie-Pascale < Marie-Pascale. Des Rosiers @dfo-mpo.gc.ca >; Com Approval / Approbation (DFO/MPO) < ComApproval/Approbation.XNCR@dfo-mpo.gc.ca>; Lubczuk, Jocelyn < Jocelyn.Lubczuk@dfo-mpo.gc.ca>; Tran, Thi < Thi. Tran@dfo-mpo.gc.ca >; Hill, Johanna < Johanna. Hill@dfo-mpo.gc.ca >; O'Grady, Samantha < Samantha. O'grady@dfompo.gc.ca>; Choeurng, Stephanie < Stephanie.Choeurng@dfo-mpo.gc.ca>; Windsor, Victoria < Victoria.Windsor@dfompo.gc.ca>; Windsor, Victoria < Victoria. Windsor@dfo-mpo.gc.ca>; Mitchell, Laura < Laura. Mitchell@dfo-mpo.gc.ca>; O'Halloran, Mark < Mark.O'Halloran@dfo-mpo.gc.ca>; McIntyre, Alexis < Alexis.McIntyre@dfo-mpo.gc.ca>; Simons, Fiona < Fiona. Simons@dfo-mpo.gc.ca>; Mullan-Boudreau, Caitlin < Caitlin. Mullan-Boudreau@dfo-mpo.gc.ca> Cc: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>; Legal.Correspondence / Correspondance.Juridique (DFO-MPO) <Legal.Correspondence@dfo-mpo.gc.ca>; Sharzer, Stephen (DOJ) <stephen.sharzer@justice.gc.ca>; Seguin, Natalie <<u>Natalie.Seguin@dfo-mpo.gc.ca</u>>; McElhone, Kathryn <Kathryn.Mcelhone@dfo-mpo.gc.ca>; Quinn, Caroline <<u>Caroline.Quinn@dfo-mpo.gc.ca</u>>; Belle-Isle, Alain <<u>Alain.Belle-Isle@dfo-mpo.gc.ca</u>> Subject: RE: For MinO Approval | Updated News Release and MLs | PRV Media Briefing

Marie-Pascale,

We're on it. What is the timing of the PRV tech briefing for the Media Advisory? Thanks, Tina

From: Des Rosiers, Marie-Pascale **Sent:** February-05-19 9:55 PM

To: ComApproval / Approbation (DFO/MPO); Lubczuk, Jocelyn; Tran, Thi; Hill, Johanna; O'Grady, Samantha: Choeurng. Stephanie; Windsor, Victoria; Windsor, Victoria; Mitchell, Laura; Garner, Danica; O'Halloran, Mark; McIntyre, Alexis; Simons, Fiona; Mullan-Boudreau, Caitlin

Cc: Jenkins, Phil; Legal.Correspondence / Correspondance.Juridique (DFO-MPO); Sharzer, Stephen (DOJ); Seguin, Natalie; McElhone, Kathryn; Hubley, Marian; Quinn, Caroline; Belle-Isle, Alain

Subject: RE: For MinO Approval | Updated News Release and MLs | PRV Media Briefing

Here is the approved NR, will send the backgrounder and the media lines in the morning. Can you please send an updated MA for the tech briefing as well as language the co-chairs will be using in the tech briefing when asked about other topics (like the court case)? Thank you,

M-P

From: ComApproval / Approbation (DFO/MPO) < ComApproval/Approbation.XNCR@dfo-mpo.gc.ca>

Sent: Tuesday, February 5, 2019 1:38 PM

To: Lubczuk, Jocelyn < Jocelyn.Lubczuk@dfo-mpo.gc.ca>; Tran, Thi < Thi.Tran@dfo-mpo.gc.ca>; Hill, Johanna <<u>Johanna.Hill@dfo-mpo.gc.ca</u>>; O'Grady, Samantha <Samantha.O'grady@dfo-mpo.gc.ca>; Choeurng, Stephanie <Stephanie.Choeurng@dfo-mpo.gc.ca>; Windsor, Victoria < Victoria.Windsor@dfo-mpo.gc.ca>; Windsor, Victoria < Victoria. Windsor@dfo-mpo.gc.ca >; Mitchell, Laura < Laura. Mitchell@dfo-mpo.gc.ca >; Garner, Danica

<<u>Danica.Garner@dfo-mpo.gc.ca</u>>; O'Halloran, Mark <Mark.O'Halloran@dfo-mpo.gc.ca>; McIntyre, Alexis

< Alexis. McIntyre@dfo-mpo.gc.ca>; Simons, Fiona < Fiona. Simons@dfo-mpo.gc.ca>; Mullan-Boudreau, Caitlin

< Caitlin.Mullan-Boudreau@dfo-mpo.gc.ca>; Des Rosiers, Marie-Pascale < Marie-Pascale.DesRosiers@dfo-mpo.gc.ca>

Cc: Jenkins, Phil < <a href="mailto:Phil.Jenkins@dfo-mpo.gc.ca">Phil.Jenkins@dfo-mpo.gc.ca</a>; ComApproval / Approbation (DFO/MPO)

< ComApproval/Approbation.XNCR@dfo-mpo.gc.ca >; Legal.Correspondence / Correspondance.Juridique (DFO-MPO)

<Legal.Correspondence@dfo-mpo.gc.ca>; Sharzer, Stephen (DOJ) <stephen.sharzer@justice.gc.ca>; Seguin, Natalie

< Natalie. Seguin@dfo-mpo.gc.ca >; McElhone, Kathryn < Kathryn. Mcelhone@dfo-mpo.gc.ca >; Hubley, Marian

< Marian. Hubley@dfo-mpo.gc.ca >; Quinn, Caroline < Caroline. Quinn@dfo-mpo.gc.ca >; Belle-Isle, Alain < Alain. Belle-

Isle@dfo-mpo.gc.ca>

Subject: RE: For MinO Approval | Updated News Release and MLs | PRV Media Briefing

Hi Jocelyn, Marie-Pascale,

Just wondering if you've had a chance to review the attached PRV news release and backgrounder? I understand that this will be issued tomorrow.

Thank you! Christine

From: ComApproval / Approbation (DFO/MPO)

**Sent:** February-04-19 2:11 PM **To:** Des Rosiers, Marie-Pascale

**Cc:** Jenkins, Phil; ComApproval / Approbation (DFO/MPO)

Subject: RE: For MinO Approval | Updated News Release and MLs | PRV Media Briefing

Hi Marie-Pascale,

Apologies – we should have mentioned this in the email.

Tina and Phil will be calling you to discuss.

Thanks, Christine

**From:** Des Rosiers, Marie-Pascale **Sent:** February-04-19 1:50 PM

To: ComApproval / Approbation (DFO/MPO); Lubczuk, Jocelyn; Simons, Fiona; Tran, Thi; Mitchell, Laura

**Cc:** Morris, Christina; McElhone, Kathryn; Belle-Isle, Alain; Hill, Johanna; McIntyre, Alexis; Saindon, Carole; Mullan-Boudreau, Caitlin; Quirion, Stephanie; Windsor, Victoria; Patzer, Adria; Quinn, Caroline; Seguin, Natalie; Jenkins, Phil; O'Halloran, Mark

Subject: RE: For MinO Approval | Updated News Release and MLs | PRV Media Briefing

Why is the word "possible" highlighted in yellow in the first paragraph in the Media Lines documents.

As a best practice in all comms documents, instead of highlighting a word or sentence in yellow, can you please put a comment from now on?

Thank you,

Marie-Pascale

From: ComApproval / Approbation (DFO/MPO) < ComApproval/Approbation.XNCR@dfo-mpo.gc.ca>

Sent: Saturday, February 2, 2019 9:21 AM

**To:** Des Rosiers, Marie-Pascale < <u>Marie-Pascale.DesRosiers@dfo-mpo.gc.ca</u>>; Lubczuk, Jocelyn < <u>Jocelyn.Lubczuk@dfo-mpo.gc.ca</u>>; Simons, Fiona < <u>Fiona.Simons@dfo-mpo.gc.ca</u>>; Tran, Thi < <u>Thi.Tran@dfo-mpo.gc.ca</u>>; Mitchell, Laura < <u>Laura.Mitchell@dfo-mpo.gc.ca</u>>

Cc: Morris, Christina < Christina.Morris@dfo-mpo.gc.ca >; McElhone, Kathryn < Kathryn.Mcelhone@dfo-mpo.gc.ca >; ComApproval / Approbation (DFO/MPO) < ComApproval/Approbation.XNCR@dfo-mpo.gc.ca >; Belle-Isle, Alain < Alain.Belle-Isle@dfo-mpo.gc.ca >; Hill, Johanna < Johanna.Hill@dfo-mpo.gc.ca >; McIntyre, Alexis < Alexis.McIntyre@dfo-mpo.gc.ca >; Saindon, Carole < Carole.Saindon@dfo-mpo.gc.ca >; Mullan-Boudreau, Caitlin < Caitlin.Mullan-Boudreau@dfo-mpo.gc.ca >; Quirion, Stephanie < Stephanie.Quirion@dfo-mpo.gc.ca >; Windsor, Victoria < Victoria.Windsor@dfo-mpo.gc.ca >; Patzer, Adria < Adria.Patzer@dfo-mpo.gc.ca >; Quinn, Caroline < Caroline.Quinn@dfo-mpo.gc.ca >; Seguin, Natalie < Natalie.Seguin@dfo-mpo.gc.ca >; Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca >; O'Halloran, Mark < Mark.O'Halloran@dfo-mpo.gc.ca >
Subject: For MinO Approval | Updated News Release and MLs | PRV Media Briefing

Attached for your approval are the updated news release and media lines to reflect what came out of the PRV report. As requested we have removed the ministerial quote.

Feel free to contact us with any questions.

Thanks,

Tina

# **Approval**

Wayne Moore (Acting for Arran McPherson) - approved Philippe Morel - approved Marian Hubley – approved Anne Lamar – approved DMO – approving concurrently MinO - pending

# Fagan, Ashley

From:

Moore, Wayne

Sent:

February-07-19 10:03 AM

To:

Jenkins, Phil

Subject:

RE: first draft of opening comments

yep

From: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>

Sent: February 7, 2019 8:43 AM

To: Parsons, Jay <Jay.Parsons@dfo-mpo.gc.ca>; Moore, Wayne <Wayne.Moore@dfo-mpo.gc.ca>

Cc: Burgetz, Ingrid < Ingrid. Burgetz@dfo-mpo.gc.ca>

Subject: RE: first draft of opening comments

Good here, thanks Jay.

Phil

From: Parsons, Jay

**Sent:** February-07-19 6:57 AM

To: Moore, Wayne < Wayne. Moore@dfo-mpo.gc.ca>; Jenkins, Phil < Phil. Jenkins@dfo-mpo.gc.ca>

Cc: Burgetz, Ingrid < Ingrid.Burgetz@dfo-mpo.gc.ca>

Subject: first draft of opening comments

Wayne / Phil,

First draft of opening comments. Anything to add or change? I will have these translated asap so that I can repeat some of the comments in French as well.

Jay

Merci Louise.

Good afternoon, bonjour at toutes et tous.

Fisheries and Oceans Canada or DGO has a unique and robust process for developing science advice that we call the Canadian Science Advisory Secretariat or C-S-A-S or "CSAS".

This is a peer-review process that bring experts together to develop transparent consensus advice on a topic that is based on the available scientific literature and scientific expertise.

Our process is designed to provide comprehensive science advice to DFO resource managers to support science-based decision-making in the Department.

For the case of PRV, DFO Aquaculture Management has requested advice on the risks to Fraser River Sockeye Salmon due to the transfer of pathogens from farmed Atlantic Salmon in the Discover Islands area of British Columbia. To provide this advice we are conducting a series of ten risk assessments of known pathogens of farmed Atlantic Salmon in the Discover Islands area.

This science advice is an important step in addressing Justice Cohen's recommendation that the Department conduct and publish as assessment on the risk to wild sockeye salmon populations from diseases on Atlantic salmon farms in the Discovery Island. It is also contributing to how aquaculture is managed in British Columbia.

To date we have completed six of the ten risk assessments including the recent assessment of PRV that was peer-review January 28<sup>th</sup> to 30th in Vancouver.

Going forward, we will be completing the peer-review of the remaining four pathogen risk assessments over the course of the next year.

Thank you, Merci.

# Fagan, Ashley

From:

Girouard, Louise

Sent:

February-07-19 11:28 AM

To:

ComApproval / Approbation (DFO/MPO)

Cc:

Bate, Dan; Jenkins, Phil; Rainer, Michelle

**Subject:** 

NR PRV tech briefing

Good morning,

Can I please get a copy of the final News Release so I can brief up here.

Thanks, L

# **Louise Girouard**

Regional Director Communications | Directrice régionale des communications
Pacific Region | Région du Pacifique
Fisheries, Oceans and Canadian Coast Guard | Pêches, Océans et Garde côtière canadienne
Louise.Girouard@dfo-mpo.gc.ca\_Tel: 604.666.3855 | Cell:

s.16(2)(c)

# Moore, Wayne

From:

Moore, Wayne

Sent:

February 7, 2019 12:06 PM Webb, Allison; Parsons, Jay

Cc:

Thomson, Andrew

Subject:

RE: FOR APPROVAL: Draft Media Advisory Technical Briefing PRV carmel

**Categories:** 

**ATIP** 

Absolutely...l just don't want to muck up the press conference.

From: Webb, Allison <Allison.Webb@dfo-mpo.gc.ca>

Sent: February 7, 2019 12:05 PM

To: Moore, Wayne < Wayne. Moore@dfo-mpo.gc.ca>; Parsons, Jay < Jay. Parsons@dfo-mpo.gc.ca>

Cc: Thomson, Andrew < Andrew. Thomson@dfo-mpo.gc.ca>

Subject: Re: FOR APPROVAL: Draft Media Advisory Technical Briefing PRV carmel

I'm in a session. @ that time that I can't get out of. I know that they had a rep but. It would be good to convene a call with them with the support of science. They may not see the participation in the risk assessment as sufficient in terms of being informed of outcomes.

If you agree, we could offer a call with the Aquaculture coordinating committee of the FNFC to brief more fully and answer questions. We need Jay to call in or anyone else that feel is necessary. Would be supportive of this?

I don't want this good work compromised.

Thanks for your quick response, Allison

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Moore, Wayne

Sent: Thursday, February 7, 2019 8:58 AM

To: Webb, Allison; Parsons, Jay

Cc: Thomson, Andrew

Subject: RE: FOR APPROVAL: Draft Media Advisory Technical Briefing PRV carmel

They were there. I am happy Alison if you want to brief them separately at the same time.

From: Webb, Allison < Allison. Webb@dfo-mpo.gc.ca>

Sent: February 7, 2019 11:53 AM

To: Moore, Wayne < Wayne. Moore@dfo-mpo.gc.ca>; Parsons, Jay < Jay. Parsons@dfo-mpo.gc.ca>

Cc: Thomson, Andrew < Andrew. Thomson@dfo-mpo.gc.ca >

Subject: Fw: FOR APPROVAL: Draft Media Advisory Technical Briefing PRV carmel

Thanks, Allison

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Girouard, Louise < Louise. Girouard@dfo-mpo.qc.ca >

Sent: Thursday, February 7, 2019 8:38 AM

To: Webb, Allison; Lowe, Carmel; Thomson, Andrew; Reid, Rebecca

Cc: Rainer, Michelle; Antcliffe, Bonnie; Bate, Dan

Subject: RE: FOR APPROVAL: Draft Media Advisory Technical Briefing PRV carmel

#### Allison,

The briefing is for accredited media only (DFO officials and MinO can listen in) Perhaps best to discuss with Wayne Moore who is organizing the briefing to discuss how to best deal with stakeholders.

L

From: Webb, Allison < Allison. Webb@dfo-mpo.gc.ca>

Sent: Thursday, February 7, 2019 8:27 AM

To: Girouard, Louise < Louise.Girouard@dfo-mpo.gc.ca>; Lowe, Carmel < Carmel.Lowe@dfo-mpo.gc.ca>; Thomson,

Andrew < Andrew. Thomson@dfo-mpo.gc.ca >; Reid, Rebecca < Rebecca. Reid@dfo-mpo.gc.ca >

Cc: Rainer, Michelle < Michelle.Rainer@dfo-mpo.gc.ca >; Antcliffe, Bonnie < Bonnie.Antcliffe@dfo-mpo.gc.ca >; Bate, Dan

< Dan. Bate@dfo-mpo.gc.ca>

Subject: Re: FOR APPROVAL: Draft Media Advisory Technical Briefing PRV carmel

Can this be sent to the first Nations fisheries council and the BCSFA?

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Girouard, Louise

Sent: Wednesday, February 6, 2019 3:50 PM

To: Lowe, Carmel; Thomson, Andrew; Reid, Rebecca

Cc: Webb, Allison; Rainer, Michelle; Antcliffe, Bonnie; Bate, Dan

Subject: RE: FOR APPROVAL: Draft Media Advisory Technical Briefing PRV carmel

Carmel & al.

Here is the dial-in information to listen in for tomorrow's tech briefing on PRV

s.16(2)(c)

**Dial-in number:** 1-888-265-0903 or 613-960-7527

s.21(1)(a)

s.21(1)(b)

Participant passcode:

Please call into the teleconference 15 minutes prior to start time.

From: Lowe, Carmel < Carmel.Lowe@dfo-mpo.gc.ca>

Sent: Wednesday, February 6, 2019 1:39 PM

To: Girouard, Louise < Louise.Girouard@dfo-mpo.gc.ca >; Thomson, Andrew < Andrew.Thomson@dfo-mpo.gc.ca >; Reid,

Rebecca < Rebecca. Reid@dfo-mpo.gc.ca >

Cc: Webb, Allison <Allison.Webb@dfo-mpo.gc.ca>; Rainer, Michelle <Michelle.Rainer@dfo-mpo.gc.ca>; Antcliffe,

Bonnie <<u>Bonnie.Antcliffe@dfo-mpo.gc.ca</u>>; Bate, Dan <<u>Dan.Bate@dfo-mpo.gc.ca</u>> **Subject:** Re: FOR APPROVAL: Draft Media Advisory Technical Briefing PRV carmel

Thanks Louise.

Will there be any opportunity for region to dial-in as observers?

Carmel

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Girouard, Louise

Sent: Wednesday, February 6, 2019 07:55

To: Thomson, Andrew; Reid, Rebecca; Lowe, Carmel

**Cc:** Webb, Allison; Rainer, Michelle; Antcliffe, Bonnie; Bate, Dan **Subject:** FOR APPROVAL: Draft Media Advisory Technical Briefing PRV

I am told that MinO wishes to proceed with the media technical briefing on PRV tomorrow morning. Below is the draft MA that is currently with MinO.

Attendees are co-chairs of Peer Review process, DFO Jay Parsons as spokes.

L

#### **Media Advisory**

For Immediate Release

#### Co-chairs of peer review committee to give technical briefing

Vancouver, British Columbia - Co-chairs of a peer-review meeting on the risk to Fraser River sockeye salmon due to possible Piscine Orthoreovirus (PRV) transfer from Atlantic salmon farms, will give a media technical briefing to discuss the peer-review results.

Date: Thursday, February 7, 2019

Time: 9:30 a.m. PST

Phone-in details: Media planning to participate are required to register by calling (613) 990-7537 or emailing

media.xncr@dfo-mpo.gc.ca by 9:00 a.m. PST on Friday February 1, 2019.

Registered media are requested to call in 15 minutes prior to the start of the teleconference.

Note: The media availability is for accredited media only.

#### **Louise Girouard**

Regional Director Communications | Directrice régionale des communications
Pacific Region | Région du Pacifique
Fisheries, Oceans and Canadian Coast Guard | Pêches, Océans et Garde côtière canadienne
Louise.Girouard@dfo-mpo.gc.ca\_Tel: 604.666.3855 | Cell:

s.16(2)(c)

Parsons, Jay
--------------

From:

Parsons, Jay

Sent:

Thursday, February 07, 2019 12:30 PM

To: Cc: Jenkins, Phil Moore, Wayne

Subject:

Fw: CSAS PRV communications

**Attachments:** 

image001.png

FYI to discuss asap.

From:

Sent: Thursday, February 7, 2019 12:26 PM

To: Parsons, Jay

Cc: Olivier, Gilles; cstephen@cwhc-rcsf.ca; Burgetz, Ingrid; Waddington, Zac; Struthers, Alistair; Gagne, Nellie;

Nathalie.N.Bruneau@inspection.gc.ca; Myron.Roth@gov.bc.ca;

Miller-Saunders, Kristi;

espen.rimstad@nmbu.no; niven@vet.dtu.dk; mark.powell@hi.no; iagardner@upei.ca; Garver, Kyle;

Polinski, Mark; Weber, Lily; Mimeault, Caroline; Holt, Kendra; Johnson, Stewart; Jones, Simon;

tony.farrell@ubc.ca; Boily, France

Gary.Marty@gov.bc.ca;

Subject: Re: CSAS PRV communications

Jay,

I'm writing to express our grave concern re. your plans to proceed with an <u>11am PT</u>media briefing this morning.

In terms of our participation in CSAS processes over the last couple of decades, this approach (i.e., briefing media on a process that is incomplete, with 6+ weeks of work remaining) - without providing any sort of documentation for CSAS participants, media, etc. to review in advance - is unprecedented and unacceptable.

We have long been trusted participants in CSAS processes, and this - simply put - is not what we signed up for.

Our recommendation for you at this stage is to cancel today's media briefing. Otherwise, we will be put in an impossible position, and will speak to media about the flaws in this process.

We appreciate the "spirit of transparency" mentioned in your memo, but not at the expense of derailing DFO's primary science-based peer review process.

Thank you for your time and consideration - we await your response.

Best,

On Feb 6, 2019, at 7:07 PM, Parsons, Jay <<u>Jay.Parsons@dfo-mpo.gc.ca</u>> wrote:

Colleagues,

I want to provide a quick update following the PRV CSAS meeting from last week. We are finalizing the other sections of the SAR (Background, Analysis and Other Considerations) and we should be able to distribute this to you for your review by next week.

As well, given the considerable interest on PRV in British Columbia and in the spirit of transparency, there is much interest in having the Department communicate some information on this process. To that end, the Department will issue a News Release tomorrow on the high level findings of the CSAS meeting. The News Release will be a plain language summary of the key findings and it will be consistent with the wording of the agreed-to summary bullets that we developed at the meeting. In addition, there will be a media technical briefing tomorrow by the Co-chairs on the key findings of the CSAS meeting (i.e., the summary bullets).

I recognize that as a result of the News Release and the media technical briefing, media may approach some of you with questions on the process and / or findings. If approached by the media, we ask that any discussion on the results of the peer-review be limited to our agreed-on summary bullets, at least until the full SAR is approved by everyone. As a reminder, I have attached the summary bullets as discussed at the meeting.

Please let me know if there are any questions or concerns.

Jay

s.19(1)

Jay Parsons, PhD

Director

Aquaculture, Biotechnology and Aquatic Animal Health Sciences Branch Fisheries and Oceans Canada / Government of Canada

200 Kent Street, Stn 12E239 Ottawa, ON Canada K1A 0E6 Jay.Parsons@dfo-mpo.gc.ca/ Tel. 613-990-0278

# Directeur

Direction des sciences de l'aquaculture, de la biotechnologie et santé des animaux aquatiques Pêches et Océans Canada / Gouvernement du Canada 200 Kent Street, Stn 12E239 Ottawa, ON Canada K1A 0E6 Jay.Parsons@dfo-mpo.gc.ca / Tél. 613-990-0278

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<SUMMARY BULLETS.pdf>

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Pages 56 to / à 57
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pages 39 to / à 40

# Parsons, Jay

From:

Moore, Wayne

Sent:

Thursday, February 07, 2019 12:59 PM

To:

Jarjour, Jasmine; Stringer, Kevin

Cc:

Northcott, Jennifer; Hill, Johanna; Jenkins, Phil; Girouard, Louise; Parsons, Jay; Quinn,

Caroline

Subject:

911 - FW: CSAS PRV communications

Attachments:

image001.png

Hi all...could you flag the following to Jocelyn and M-P asap.

#### Context:

Out of respect for the fact that we were breaking the embargo we had all agreed to observe at the CSAS meeting, we notified participants last night of the upcoming press conference.

We received two responses.

One of our experts who was also on the Nemer Panel on Aquaculture Science saw this as a positive and proactive communication.

The response from one of the ENGO experts is below. (He is with DSF)

I take issue with a couple of his claims.

- 1) We have gone out before all the documents are finalized. This is more common on the east coast on fish stocks but has been used in other contexts recently.
- 2) The participants did leave the room with a consensus agreement on the key conclusions (ie, what we have briefed you on). While there is a final review of the documents, this should not undo the conclusions agreed to at the meeting.
- 3) This is also consistent with Nemer's findings to be more proactive in our comms.
- 4) I would recommend a written response from us to politely declining his request for the reasons above.

#### Wayne

#### **Wayne Moore**

Director General, Strategic and Regulatory Science Fisheries and Oceans Canada / Government of Canada <u>Wayne.Moore@dfo-mpo.gc.ca</u> / Tel: 613-990-0001

Directeur général, Sciences stratégiques et réglementaires Pêches et Océans Canada / Gouvernement du Canada <u>Wayne.Moore@dfo-mpo.gc.ca</u> / Tél.: 613-990-0001

Web: <u>DFO/MPO</u> Twitter: <u>DFO/MPO</u>

s.19(1)

From: Parsons, Jay <Jay.Parsons@dfo-mpo.gc.ca>

Sent: February 7, 2019 12:27 PM

To: Moore, Wayne < Wayne. Moore@dfo-mpo.gc.ca>

**Subject:** Fw: CSAS PRV communications

•			_
-	m	m	•

Sent: Thursday, February 7, 2019 12:26 PM

To: Parsons, Jay

Cc: Olivier, Gilles; <a href="mailto:cstephen@cwhc-rcsf.ca">cstephen@cwhc-rcsf.ca</a>; Burgetz, Ingrid; Waddington, Zac; Struthers, Alistair; Gagne, Nellie;

Nathalie.N.Bruneau@inspection.gc.ca; Myron.Roth@gov.bc.ca;

Miller-Saunders, Kristi;

espen.rimstad@nmbu.no; niven@vet.dtu.dk; mark.powell@hi.no; iagardner@upei.ca; Garver, Kyle;

Polinski, Mark; Weber, Lily; Mimeault, Caroline; Holt, Kendra; Johnson, Stewart; Jones, Simon;

tony.farrell@ubc.ca;
Boily, France

; Gary.Marty@gov.bc.ca;

Subject: Re: CSAS PRV communications

Jay,

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We have long been trusted participants in CSAS processes, and this - simply put - is not what we signed up for.

Our recommendation for you at this stage is to cancel today's media briefing. Otherwise, we will be put in an impossible position, and will speak to media about the flaws in this process.

We appreciate the "spirit of transparency" mentioned in your memo, but not at the expense of derailing DFO's primary science-based peer review process.

s.19(1)

Thank you for your time and consideration – we await your response.

Best,

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I recognize that as a result of the News Release and the media technical briefing, media may approach some of you with questions on the process and / or findings. If approached by the media, we ask that any discussion on the results of the peer-review be limited to our agreed-on summary bullets, at least until the full SAR is approved by everyone. As a reminder, I have attached the summary bullets as discussed at the meeting.

Please let me know if there are any questions or concerns.

Jay

s.19(1)

# Jay Parsons, PhD

**Director** 

Aquaculture, Biotechnology and Aquatic Animal Health Sciences Branch Fisheries and Oceans Canada / Government of Canada 200 Kent Street, Stn 12E239 Ottawa, ON Canada K1A 0E6 Jay.Parsons@dfo-mpo.gc.ca/ Tel. 613-990-0278

#### Directeur

Direction des sciences de l'aquaculture, de la biotechnologie et santé des animaux aquatiques Pêches et Océans Canada / Gouvernement du Canada 200 Kent Street, Stn 12E239 Ottawa, ON Canada K1A 0E6 Jay.Parsons@dfo-mpo.gc.ca / Tél. 613-990-0278

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<SUMMARY BULLETS.pdf>

No information has been removed or severed from this page

Pages 62 to / à 63 are duplicates of sont des duplicatas des pages 39 to / à 40

# Parsons, Jay

From: Parsons, Jay

Sent: Thursday, February 07, 2019 2:30 PM

To:

**Cc:** Olivier, Gilles; cstephen@cwhc-rcsf.ca; Burgetz, Ingrid; Waddington, Zac; Struthers,

Alistair; Gagne, Nellie; Nathalie.N.Bruneau@inspection.gc.ca; Myron.Roth@gov.bc.ca;

Miller-Saunders, Kristi;

espen.rimstad@nmbu.no; niven@vet.dtu.dk; mark.powell@hi.no; iagardner@upei.ca; Garver, Kyle; Polinski, Mark; Weber, Lily; Mimeault, Caroline; Holt, Kendra; Johnson,

Stewart; Jones, Simon;

tony.farrell@ubc.ca;

Gary.Marty@gov.bc.ca; {

Boily, France

Subject:

**RE: CSAS PRV communications** 

Tony, and others:

Thank you both for your comments on the Departmental communications approach. We are trying to find a balance in respecting the CSAS process with increased calls for more transparency and addressing an issue of much public interest.

to specifically address your concerns, this is not an uncommon CSAS practice to communicate the key findings right after a CSAS peer-review process, particularly one with a high degree of public interest. It happens for Fisheries-related stock assessments peer-review meetings, especially on the east coast. For example, for the Northern Atlantic Cod CSAS meeting last week there was a media briefing following the review. As well, the Department recently took the same approach following a CSAS meeting on the North Atlantic Right Whale.

As I noted in my earlier email, the extent of the information that will be communicated is on the summary bullets for which we have discussed and for which there was consensus on the wording. We will be clear that the final documents are still being finalised with the meeting participants.

I have flagged your concerns to senior management and the decision has been made that it is important to be transparent and to inform the public on these findings in a timely manner given the high level of interest in PRV.

And as such, this should not in any way derail the work of CSAS peer-review process, nor the work that we need to do to finalise the other remaining parts of the SAR and the Research Documents.

Thank you, Jay

From:

Sent: Thursday, February 07, 2019 12:26 PM

To: Parsons, Jay <Jay.Parsons@dfo-mpo.gc.ca>

**Cc:** Olivier, Gilles <Gilles.Olivier@dfo-mpo.gc.ca>; cstephen@cwhc-rcsf.ca; Burgetz, Ingrid <Ingrid.Burgetz@dfo-mpo.gc.ca>; Waddington, Zac <Zac.Waddington@dfo-mpo.gc.ca>; Struthers, Alistair.Struthers@dfo-mpo.gc.ca>; Cac.Waddington@dfo-mpo.gc.ca>; Struthers, Alistair.Struthers@dfo-mpo.gc.ca>; Cac.Waddington@dfo-mpo.gc.ca>; Cac.Waddington

mpo.gc.ca>; Gagne, Nellie <Nellie.Gagne@dfo-mpo.gc.ca>; Nathalie.N.Bruneau@inspection.gc.ca;

Myron.Roth@gov.bc.ca;

Miller-Saunders, Kristi < Kristi.Saunders@dfo-mpo.gc.ca>;

Document Released Under the Access to
Information Act / Document divulgué en vertu
de la Loi sur l'accès à l'information.
espen,rimstad@nmbu.no; niven@vet.dtu.dk; mark.powell@hi.no; jagardner@unei.ca; Garver, Kyle

	-
mpo.gc.ca>; Mimeault, Caroline <caroline.mimeault@dfo-mpo.gc.ca>; Holt, Kendra <kendra.holt@dfo-mpo.gc.ca> Johnson, Stewart <stewart.johnson@dfo-mpo.gc.ca>; Jones, Simon <simon.jones@dfo-mpo.gc.ca>;</simon.jones@dfo-mpo.gc.ca></stewart.johnson@dfo-mpo.gc.ca></kendra.holt@dfo-mpo.gc.ca></caroline.mimeault@dfo-mpo.gc.ca>	i>;
tony.farrell@ubc.ca;	
Gary.Marty@gov.bc.ca; <france.boily@dfo-mpo.gc.ca> Subject: Re: CSAS PRV communications</france.boily@dfo-mpo.gc.ca>	
Jay,	
I'm writing to express our grave concern re. your plans to proceed with an 11am PT media briefing this morning.	
In terms of our participation in CSAS processes over the last couple of decades, this approach (i.e., briefin media on a process that is incomplete, with 6+ weeks of work remaining) - without providing any sort of documentation for CSAS participants, media, etc. to review in advance - is unprecedented and unacceptable.	
We have long been trusted participants in CSAS processes, and this - simply put - is not what we signed u	p for.
Our recommendation for you at this stage is to cancel today's media briefing. Otherwise, we will be an impossible position, and will speak to media about the flaws in this process.	out in
We appreciate the "spirit of transparency" mentioned in your memo, but not at the expense of derailing DI primary science-based peer review process.	FO's
Thank you for your time and consideration – we await your response.	
Best, s.19(1)	

On Feb 6, 2019, at 7:07 PM, Parsons, Jay < <u>Jay.Parsons@dfo-mpo.gc.ca</u>> wrote:

Colleagues,

I want to provide a quick update following the PRV CSAS meeting from last week. We are finalizing the other sections of the SAR (Background, Analysis and Other Considerations) and we should be able to distribute this to you for your review by next week.

As well, given the considerable interest on PRV in British Columbia and in the spirit of transparency, there is much interest in having the Department communicate some information on this process. To that end, the Department will issue a News Release tomorrow on the high level findings of the CSAS meeting. The News Release will be a plain language summary of the key findings and it will be consistent with the wording of the agreed-to summary bullets that we developed at the meeting. In addition, there will be a media technical briefing tomorrow by the Co-chairs on the key findings of the CSAS meeting (i.e., the summary bullets).

I recognize that as a result of the News Release and the media technical briefing, media may approach some of you with questions on the process and / or findings. If approached by the media, we ask that any discussion on the results of the peer-review be limited to our agreed-on summary bullets, at least until the full SAR is approved by everyone. As a reminder, I have attached the summary bullets as discussed at the meeting.

Please let me know if there are any questions or concerns.

Jay

# Jay Parsons, PhD

#### **Director**

Aquaculture, Biotechnology and Aquatic Animal Health Sciences Branch Fisheries and Oceans Canada / Government of Canada 200 Kent Street, Stn 12E239 Ottawa, ON Canada K1A 0E6 Jay.Parsons@dfo-mpo.gc.ca/ Tel. 613-990-0278

# Directeur

Direction des sciences de l'aquaculture, de la biotechnologie et santé des animaux aquatiques Pêches et Océans Canada / Gouvernement du Canada 200 Kent Street, Stn 12E239 Ottawa, ON Canada K1A 0E6 Jay.Parsons@dfo-mpo.gc.ca / Tél. 613-990-0278

<image001.png>

<SUMMARY BULLETS.pdf>

s.19(1)

# Garver, Kyle

From: MacDougall, Lesley
Sent: February-07-19 2:36 PM

**To:** Garver, Kyle; Miller-Saunders, Kristi; Higgins, Mark; Jones, Simon

**Cc:** Rainer, Michelle; Geiger, Karen

**Subject:** FW: ADVANCED COPY: Peer Review concludes Piscine Orthoreovirus transfer from

Atlantic salmon farms poses minimal risk to wild Fraser River sockeye/ L'examen par les pairs conclut que le risque de transfert de l'orthoréovirus pisciaire des élevages...

Attachments: BCK\_Science\_PRV\_MOApproved\_E.docx; NR\_PRV\_Final\_E.docx;

BCK\_SCIENCE\_PRV\_MOApproved\_F.DOCX; NR\_PRV\_Final\_F.DOCX

# Hi all;

A media technical briefing was held this morning on the findings of the PRV peer review: there were a number of difficult questions, there are a number of participants who are rather upset that we went ahead with the briefing without releasing the documents, so I want to be sure you're aware in case you start to get calls.

To give a bit of background – although we haven't done technical briefings after peer reviews out here before, it's not uncommon (e.g. in NFLD) to have a media briefing right after a meeting to just announce the meeting took place, provide a quick overview of the questions being considered, the scope, and the key areas of consensus. It used to be standard practice to have one after every national CSAS meeting but that has fallen away in the last number of years. In this case it was felt that it was important to provide some messaging regarding the findings that were agreed on during the meeting, and that outweighed the risk associated with being out ahead of when the final documents would be ready. In retrospect, our intentions were good – to be proactive, and improve transparency – but the timing ended up working against us in that it could be perceived as reactionary given the federal court decision, even though planning had started for it prior to the completion of the peer review meeting itself. Some of the questions were more related to the decision than to the peer review, understandably.

You may have reporters contacting you in the next few days in follow up, so I want you to both be aware of the briefing and of the materials that were circulated to help if you've got questions coming in.

# Lesley

From: Lowe, Carmel < Carmel.Lowe@dfo-mpo.gc.ca>

Sent: February-07-19 12:00 PM

To: MacDougall, Lesley <Lesley.MacDougall@dfo-mpo.gc.ca>

**Subject:** FW: ADVANCED COPY: Peer Review concludes Piscine Orthoreovirus transfer from Atlantic salmon farms poses minimal risk to wild Fraser River sockeye/ L'examen par les pairs conclut que le risque de transfert de l'orthoréovirus pisciaire des élevages...

#### Carmel

Carmel.Lowe@dfo-mpo.gc.ca

Telephone | Téléphone 250-756-7177 Facsimile | Télécopieur 250-729-8360 Government of Canada | Gouvernement du Canada

From: Girouard, Louise < Louise. Girouard@dfo-mpo.gc.ca>

**Sent:** February 7, 2019 11:48 AM

**To:** Thomson, Andrew <<u>Andrew.Thomson@dfo-mpo.gc.ca</u>>; Lowe, Carmel <<u>Carmel.Lowe@dfo-mpo.gc.ca</u>>; Reid, Rebecca <<u>Rebecca.Reid@dfo-mpo.gc.ca</u>>

**Cc:** Antcliffe, Bonnie <<u>Bonnie.Antcliffe@dfo-mpo.gc.ca</u>>; Webb, Allison <<u>Allison.Webb@dfo-mpo.gc.ca</u>>; Bate, Dan <<u>Dan.Bate@dfo-mpo.gc.ca</u>>; Rainer, Michelle <<u>Michelle.Rainer@dfo-mpo.gc.ca</u>>

Subject: FW: ADVANCED COPY: Peer Review concludes Piscine Orthoreovirus transfer from Atlantic salmon farms poses minimal risk to wild Fraser River sockeye/ L'examen par les pairs conclut que le risque de transfert de l'orthoréovirus pisciaire des élevages...

Please see final NR and Backgrounder to be issued shortly - the call has started.

L

From: ComApproval / Approbation (DFO/MPO) < <a href="mailto:comApproval/Approbation.XNCR@dfo-mpo.gc.ca">comApproval/Approbation.XNCR@dfo-mpo.gc.ca</a> Sent: Thursday, February 7, 2019 11:40 AM

To: McElhone, Kathryn < Kathryn.Mcelhone@dfo-mpo.gc.ca>; Quinn, Caroline < Caroline.Quinn@dfo-mpo.gc.ca>; Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>; Seguin, Natalie < Natalie.Seguin@dfo-mpo.gc.ca>; ComApproval / Approbation (DFO/MPO) < ComApproval/Approbation.XNCR@dfo-mpo.gc.ca>; NCR Multimedia RCN (DFO/MPO) < Multimedia.XNCR@dfo-mpo.gc.ca>; Morris, Christina < Christina.Morris@dfo-mpo.gc.ca> Subject: ADVANCED COPY: Peer Review concludes Piscine Orthoreovirus transfer from Atlantic salmon farms poses minimal risk to wild Fraser River sockeye/ L'examen par les pairs conclut que le risque de transfert de l'orthoréovirus pisciaire des élevages...

News release and Backgrounder / Communiqué et Fiche d'information

The attached products will be issued shortly. / Les produits ci-joint sera émis sous peu.

Peer Review concludes Piscine Orthoreovirus transfer from Atlantic salmon farms poses minimal risk to wild Fraser River sockeye/ L'examen par les pairs conclut que le risque de transfert de l'orthoréovirus pisciaire des élevages de saumon de l'Atlantique au saumon rouge sauvage du fleuve Fraser est minime

**Distribution:** National EN & FR Comprehensive

# Backgrounder

# **Understanding the Canadian Science Advisory Secretariat**

The Canadian Science Advisory Secretariat (CSAS) coordinates the production of peer-reviewed science advice for Fisheries and Oceans Canada (DFO). Science advice is prepared both nationally and through DFO's regional offices.

The CSAS provides a formal, transparent process for the delivery of science advice to the department's decision makers. Advice might relate to the state of an ecosystem, the impacts of a human activity, the effectiveness of a mitigation strategy or many other areas under DFO's mandate.

# How are CSAS reports prepared and reviewed?

#### 1. Call for science advice

Each year, DFO identifies areas in which science advice is needed. Regional CSAS offices receive requests for advice from the department's many program sectors, including Fisheries and Aquaculture Management, Ecosystem Management, Species at Risk and others.

A steering committee is convened to guide the CSAS process for a request. The steering committee is typically comprised of DFO Science staff, the requester, and sometimes other interested and knowledgeable parties from outside DFO (such as Indigenous or academic participants). The members work together to define the scope of the request and to develop **Terms of Reference**.

#### 2. Data collection and analysis

Using the Terms of Reference, scientists collect and analyze relevant data and prepare a **Working Paper(s)**. These scientists usually work for DFO but could also come from another government department or elsewhere in the Canadian or international scientific community.

A working paper is an assemblage of technical and scientific information. It does not constitute science advice, but contains the supporting information and analyses needed to generate advice. A working paper might provide a framework for how to tackle a problem, but it will not recommend policy options.

# 3. Formal written reviews

Working Papers are typically reviewed by two experts identified by the steering committee. These experts could come from DFO, academia, another government department, or elsewhere in the international scientific community. Each expert submits an independent, written review.



# 4. Peer review meeting

CSAS Working Papers and the formal written reviews are shared with a group of participants invited to a peer review meeting. Participants are selected by the steering committee based on their experience and expertise relevant to the subject matter of the review. Participants may include representatives of DFO, other government departments, First Nations, stakeholders, academia, environmental non-government organizations, as well as international experts.

The objective of the peer review meeting is to provide sound, objective and impartial science advice to DFO. A meeting chairperson(s) leads a review of the Working Paper, facilitates discussion of comments and concerns, and guides the creation of consensus advice. All participants are expected to be familiar with the material provided (Terms of Reference, Working Paper(s), formal written reviews, and supporting material), participate fully in discussions and bring their relevant expertise, experience, data and knowledge to the review. Participants are also expected to contribute to the development of the consensus advice.

Consensus is considered to be reached if all parties can generally accept the Working Paper and support its conclusions and proposed science advice. Consensus generally means agreement of the group as a whole, but can be achieved through an absence of opposition. Consensus must be based on scientific data, information (including traditional ecological knowledge) and analysis. In cases where there two or more equally reasonable conclusions, the peer review may apply a "weight of evidence" approach to clarify which is most strongly backed by current available scientific evidence. Strongly opposing opinions or viewpoints may be noted in the record of proceedings.

Once a Working Paper has been accepted, it becomes the final Research Document.

#### 5. Results are finalized and made public

Following completion of the process, three documents are typically published:

- Research Document (the approved, revised Working Paper)
- Science Advisory Report
- Proceedings (record of discussion during the peer review process)
- In matters of high public interest, a high level summary of a peer-review is frequently shared with media before the final CSAS report is published.

All CSAS process documents are posted online at www.dfo-mpo.gc.ca/csas-sccs/index-eng.htm

February, 2019





Available at

https://www.canada.ca/en/fisheries-oceans/news/2019/02/peer-review-concludes-piscine-orthoreovirus-transfer-from-atlanticsalmon-farms-poses-minimal-risk-to-wild-fraser-river-sockeye.html

# **News Release**

For Immediate Release

# Peer Review concludes Piscine Orthoreovirus transfer from Atlantic salmon farms poses minimal risk to wild Fraser River sockeye

February 7, 2019 Vancouver, British Columbia Fisheries and Oceans Canada



# Page 72 is withheld pursuant to section est retenue en vertu de l'article

68(a)

of the Access to Information Act de la Loi sur l'accès à l'information

# Fagan, Ashley

From:

Girouard, Louise

Sent:

February-07-19 2:40 PM

To:

Quinn, Caroline

Cc:

Jenkins, Phil; McElhone, Kathryn; ComApproval / Approbation (DFO/MPO); Saindon,

Carole; Bate, Dan; Rainer, Michelle

Subject:

RE: PRV

FYI Jay briefing all speakers now – everyone on the line. We will begin at 2:45 ③ we have 14 participants so far on the line.

L

From: Quinn, Caroline < Caroline.Quinn@dfo-mpo.gc.ca>

Sent: Thursday, February 7, 2019 11:30 AM

To: Girouard, Louise <Louise.Girouard@dfo-mpo.gc.ca>

**Cc:** Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>; McElhone, Kathryn < Kathryn.Mcelhone@dfo-mpo.gc.ca>; ComApproval / Approbation (DFO/MPO) < ComApproval / Approbation.XNCR@dfo-mpo.gc.ca>; Saindon, Carole < Carole.Saindon@dfo-mpo.gc.ca>; Bate, Dan < Dan.Bate@dfo-mpo.gc.ca>; Rainer, Michelle < Michelle.Rainer@dfo-mpo.gc.ca>

Subject: Re: PRV

Yes

Caroline Quinn

Director, Strategic Communications / Directrice des Communications stratégiques

Fisheries and Oceans Canada / Pêches et océans Canada

613-993-2674

From: Girouard, Louise

Sent: Thursday, February 7, 2019 2:29 PM

**To:** Quinn, Caroline

Cc: Jenkins, Phil; McElhone, Kathryn; ComApproval / Approbation (DFO/MPO); Saindon, Carole; Bate, Dan; Rainer,

Michelle

Subject: RE: PRV

Are we still aiming for 11:45?

L

From: Quinn, Caroline < Caroline.Quinn@dfo-mpo.gc.ca>

Sent: Thursday, February 7, 2019 11:22 AM

To: Girouard, Louise < Louise. Girouard@dfo-mpo.gc.ca>

Cc: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca >; McElhone, Kathryn < Kathryn.Mcelhone@dfo-mpo.gc.ca >; ComApproval / Approbation (DFO/MPO) < ComApproval/Approbation.XNCR@dfo-mpo.gc.ca >; Saindon, Carole < Carole.Saindon@dfo-mpo.gc.ca >; ComApproval / Approbation.XNCR@dfo-mpo.gc.ca >; Saindon, Carole < Carole.Saindon@dfo-mpo.gc.ca >; ComApproval / Approbation.XNCR@dfo-mpo.gc.ca >; Saindon, Carole < Carole.Saindon@dfo-mpo.gc.ca >; ComApproval / Approbation.XNCR@dfo-mpo.gc.ca >; Saindon, Carole < Carole.Saindon@dfo-mpo.gc.ca >; ComApproval / Approbation.XNCR@dfo-mpo.gc.ca >; Saindon, Carole < Carole.Saindon@dfo-mpo.gc.ca >; ComApproval / Approbation.XNCR@dfo-mpo.gc.ca >; Saindon, Carole < Carole.Saindon@dfo-mpo.gc.ca >; ComApproval / Approbation.XNCR@dfo-mpo.gc.ca >; Saindon, Carole < Carole.Saindon@dfo-mpo.gc.ca >; ComApproval / Approbation.XNCR@dfo-mpo.gc.ca >; Saindon, Carole < Carole.Saindon@dfo-mpo.gc.ca >; ComApproval / Approbation.XNCR@dfo-mpo.gc.ca >; Saindon, Carole < Carole.Saindon@dfo-mpo.gc.ca >; ComApproval / Approbation.XNCR@dfo-mpo.gc.ca >; Saindon, Carole < Carole.Saindon@dfo-mpo.gc.ca >; ComApproval / Approbation.XNCR@dfo-mpo.gc.ca >; Saindon, Carole < Carole.Saindon@dfo-mpo.gc.ca >; ComApproval / Approbation.XNCR@dfo-mpo.gc.ca >; Saindon, Carole.Saindon@dfo-mpo.gc.ca >; ComApproval / Approbation.XNCR@dfo-mpo.gc.ca >; Saindon, Carole.Saindon@dfo-mpo.gc.ca >; ComApproval / Approbation.XNCR@dfo-mpo.gc.ca >; Saindon, Carole.Saindon@dfo-mpo.gc.ca >; ComApproval / Approbation.XNCR@dfo-mpo.gc.ca >; ComApproval / Approbation.XNCR@dfo-mpo.gc.ca >; Saindon, Carole.Saindon@dfo-mpo.gc.ca >; ComApproval / Approval / App

mpo.gc.ca>; Bate, Dan < Dan.Bate@dfo-mpo.gc.ca>; Rainer, Michelle < Michelle.Rainer@dfo-mpo.gc.ca>

Subject: Re: PRV

Flagging that our folks here will send embargoed copy to registered media

# Caroline Quinn

Director, Strategic Communications / Directrice des Communications stratégiques Fisheries and Oceans Canada / Pêches et océans Canada 613-993-2674

From: Quinn, Caroline

Sent: Thursday, February 7, 2019 2:13 PM

To: Girouard, Louise

Cc: Jenkins, Phil; McElhone, Kathryn; ComApproval / Approbation (DFO/MPO); Saindon, Carole

Subject: PRV

# Hi Louise,

We just met with MINO, they've requested a few minor tweaks to the news release and the backgrounder which we are making now. They've also asked that the news release and backgrounder be shared with reporters 15-30 minutes in advance of the tech briefing. If it's not yet on the wire, we should be sharing embargoed copy.

Thanks, Caroline

#### Caroline Quinn

Director, Strategic Communications / Directrice des communications stratégiques Fisheries and Oceans Canada / Pêches et océans Canada 613-993-2674

# Fagan, Ashley

From:

Moore, Wayne

Sent:

February-07-19 4:47 PM

To:

Quinn, Caroline

Cc:

Jenkins, Phil; Seguin, Natalie; McElhone, Kathryn; Parsons, Jay

**Subject:** 

RE: CAn we get together a list of media technical briefins we havbe done like today?

No. We cannot share the reports. The point from our critics is that they are not finalized.

From: Quinn, Caroline < Caroline.Quinn@dfo-mpo.gc.ca>

Sent: February 7, 2019 4:02 PM

To: Moore, Wayne < Wayne. Moore@dfo-mpo.gc.ca>

Cc: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>; Seguin, Natalie < Natalie.Seguin@dfo-mpo.gc.ca>; McElhone, Kathryn

<Kathryn.Mcelhone@dfo-mpo.gc.ca>

Subject: RE: CAn we get together a list of media technical briefins we havbe done like today?

We're reaching out to the Regions to gather a list and will share.

MINO also just asked us for the scientific reports that were reviewed at the mtg last week. They would like to share with reporters this afternoon. Can you please send our way?

Thanks! Caroline

Caroline Quinn

Director, Strategic Communications / Directrice des communications stratégiques

Fisheries and Oceans Canada / Pêches et océans Canada

613-993-2674

From: Moore, Wayne

Sent: February-07-19 3:58 PM

To: Quinn, Caroline < Caroline.Quinn@dfo-mpo.gc.ca>

Subject: CAn we get together a list of media technical briefins we havbe done like today?

#### **Wayne Moore**

Director General, Strategic and Regulatory Science Fisheries and Oceans Canada / Government of Canada <u>Wayne.Moore@dfo-mpo.gc.ca</u> / Tel: 613-990-0001

Directeur général, Sciences stratégiques et réglementaires Pêches et Océans Canada / Gouvernement du Canada <u>Wayne, Moore@dfo-mpo.gc.ca</u> / Tél. : 613-990-0001

Web: <u>DFO/MPO</u> Twitter: <u>DFO/MPO</u>

# Fagan, Ashley

From:

Saindon, Carole

Sent:

February-07-19 4:55 PM

To:

Parsons, Jay

Cc:

Jenkins, Phil; Olivier, Gilles; Moore, Wayne

**Subject:** 

RE: Entrevue en Français

Thank you Jay.

Monsieur Olivier, voulez-vous que je demande au journaliste de vous téléphoner directement?

Si oui, je pourrai lui faire parvenir votre no de téléphone et copier votre courriel. Comme ça le premier contact sera établi.

Merci de me laisser savoir, Carole

From: Parsons, Jay

Sent: February-07-19 4:50 PM

To: Saindon, Carole

Cc: Jenkins, Phil; Olivier, Gilles; Moore, Wayne

Subject: RE: Entrevue en Français

Carole,

Looping in Gilles via his DFO email address. Yes Gilles is willing to do this. Please advise next steps.

Jay

From: Saindon, Carole <Carole.Saindon@dfo-mpo.gc.ca>

Sent: Thursday, February 07, 2019 4:41 PM
To: Parsons, Jay <Jay.Parsons@dfo-mpo.gc.ca>
Cc: Jenkins, Phil <Phil.Jenkins@dfo-mpo.gc.ca>

Subject: RE: Entrevue en Français

Hi Jay, If it helps, Radio-Canada Vancouver (radio) is looking to speak to a francophone expert. Ideally today but I think tomorrow could also work. From the reporter/interviewer:

J'essaie de faire une courte entrevue monsieur Gilles Olivier qui participait à une conférence téléphonique au sujet d'un virus qu'on retrouve

sur le samon de l'atlantique l'espèce utilisée pour l'élevage du saumons sur la côte ouest ..Une conférence téléphonique n'est pas idéale pour une

entrevue et c'est la raison pour laquelle j'ai demandé HIER à votre collègue si une entrevue téléphonique entre 5 et 7 minutes était du domaine du possible.

Il est l'un des 2 chercheurs qui ont présenté le fruit de leur travail ce midi ... Entrevue enregistrée en direct.

#### Contact information:

Radio-Canada / CBC

bureau /office portable /cell

Happy to help in any way I can.

Thank you, Carole

From: Parsons, Jay

**Sent:** February-07-19 4:35 PM

**To:** Jenkins, Phil **Cc:** Saindon, Carole

Subject: RE: Entrevue en Français

I believe so, but can double check. Jay

From: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca > Sent: Thursday, February 07, 2019 4:03 PM
To: Parsons, Jay < Jay.Parsons@dfo-mpo.gc.ca > Cc: Saindon, Carole < Carole.Saindon@dfo-mpo.gc.ca >

Subject: FW: Entrevue en Français

Jay...is Gilles OK if we give journalist his email?

Phil

From: Saindon, Carole

**Sent:** February-07-19 3:07 PM

To: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>

Subject: FW: Entrevue en Français

Phil, can you confirm I cannot share this email with Radio-Canada who wants an invu today on their drive home show?

From: Lubczuk, Jocelyn

**Sent:** February-07-19 2:50 PM

To: Saindon, Carole

Cc: NCR Media RCN (DFO/MPO); Jenkins, Phil; Girouard, Louise

Subject: Re: Entrevue en Français

Hello all,

Can we follow up on this ASAP?

Thanks!

s.19(1)

Jocelyn Lubczuk

Press Secretary
Fisheries, Oceans and the Canadian Coast Guard
Jocelyn.lubczuk@dfo-mpo.gc.ca

On Feb 6, 2019, at 6:39 PM, Saindon, Carole < Carole.Saindon@dfo-mpo.gc.ca > wrote:

Hi Jocelyn, We can share Co-Chair Gilles Olivier's email with the reporter who can contact him directly: Gilles.Olivier@dfo-mpo.gc.ca

Would that work?

Thanks, Carole

From: Lubczuk, Jocelyn Sent: February-06-19 5:27 PM

To: NCR Media RCN (DFO/MPO); Saindon, Carole; Stanek, Frank

Subject: RE: Entrevue en Français

Hello all,

Any update on this front?

Jocelyn Lubczuk

Press Secretary

Fisheries, Oceans and the Canadian Coast Guard

Jocelyn.lubczuk@dfo-mpo.gc.ca

From: Lubczuk, Jocelyn < Jocelyn.Lubczuk@dfo-mpo.gc.ca>

Sent: Wednesday, February 6, 2019 2:55 PM

To: NCR Media RCN (DFO/MPO) < Media.XNCR@dfo-mpo.gc.ca >; Saindon, Carole < Carole.Saindon@dfo-

mpo.gc.ca>; Stanek, Frank <Frank.Stanek@dfo-mpo.gc.ca>

**Subject:** Fwd: Entrevue en Français

Hello all,

Can you please follow up with the journalist?

It would be great if the cochair would be able to do this one on one with Radio Canada pacific.

Thanks,

Jocelyn Lubczuk

Press Secretary
Fisheries, Oceans and the Canadian Coast Guard
Jocelyn.lubczuk@dfo-mpo.gc.ca

s.16(2)(c)

s.19(1)

Begin forwarded message:

From:

Date: February 6, 2019 at 2:50:50 PM EST

To: "Lubczuk, Jocelyn" < <u>Jocelyn.lubczuk@dfo-mpo.gc.ca</u>> Subject: Entrevue en Français

Bonjour madame Lubczuk

MERCI --

Pourriez vous me laisser savoir s'il serait possible de fairev une entrevue en français avec monsieur Gilles Olivier qui sera à Montréal .

The format that you are proposing the ``conference call`` is not the best one for a radio interview that would last between 5 and 7 minutes ....

Radio-Canada / CBC
bureau /office

portable /cell

boulevarddupacifique@radio-canada.ca

# Fagan, Ashley

From:

Moore, Wayne

Sent:

February-07-19 5:16 PM

To:

Jenkins, Phil

Subject:

**RE: Summary of Tech Brief** 

Ok with changes noted

From: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>

**Sent:** February 7, 2019 5:04 PM

To: Moore, Wayne < Wayne. Moore@dfo-mpo.gc.ca>

Subject: FW: Summary of Tech Brief

Can you check this quickly...anything I've misrepresented?

**Thanks** 

Phil

From: Quinn, Caroline

Sent: February-07-19 5:02 PM

To: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>

Subject: RE: Summary of Tech Brief

Looks good

Caroline Quinn

Director, Strategic Communications / Directrice des communications stratégiques

Fisheries and Oceans Canada / Pêches et océans Canada

613-993-2674

From: Jenkins, Phil

**Sent:** February-07-19 4:43 PM

To: Quinn, Caroline < Caroline.Quinn@dfo-mpo.gc.ca>

Subject: Summary of Tech Brief

#### Summary of tech briefing on PRV held Feb 7

- Jay Parsons gave summary of overall CSAS process
- Co-Chair Gilles Olivier spoke about the first scientific paper (a review of all literature) that was studied that brought the peer review to the consensus that PRV posed a minimal risk to wild Sockeye: no mortalities, not seeing any lesions
- Co-Chair Craig Stephen spoke about the Risk Assessment paper, (2<sup>nd</sup> paper) and spoke about some of the uncertainties around the consequences of PRV's effect...although re-iterated overall consensus was minimal risk. Knowledge gaps do occur and further research can be done.

#### **Media Questions**

Q. (inaudible)

Q: Explain why virus is different in Norway than it is in Canada.

A: Gilles Olivier: we're not certain why the virus in Canada is less virulent, but it doesn't cause mortalities here.

Experts from Norway were on hand for the peer review. More study needs to be done to understand why no mortalities here.

Q: Why just Fraser R salmon in Discovery Islands studied?

A: Gilles Olivier for consistency with other Risk Assessments in the series of ten being done

A: Jay Parsons: follows Cohen recommendation

Global News

Q: There are concerns about why you're doing this briefing today. Is this the regular process?

A: Jay Parsons: for transparency reasons, high public interest, we have done this before for CSAS reports

Q Who dissented and why?

A: Gilles Olivier: majority agreed, but some said scope of exercise was an issue.

СТУ

Q: How can you expect journalists to go along with what you're telling us when we have no scientific papers to look at for ourselves?

A: We're in the process of finalizing the papers for this review. We are reporting on the consensus opinion from the entire peer review committee

You'll have to trust the 33 scientists at the table.

Q: Some people are unhappy with what you're doing here today.

A: Jay Parsons There are scientific papers that are public that we discussed at the peer review meeting. We can provide those to you via media relations.

Not unusual for us to hold tech briefing this stage.

Q: Did you share talking points with the co-chairs before this briefing?

A; Jay Parsons: The peer review committee all agreed on a document of bullet points on the outcome of the meeting.

The Narwhal

Q: What effect of Namgis decision

A: Louise Girouard invited reporter to call media relations

Vancouver Star

Q: How did you conclude overall minimal risk?

A: Stephen Craig explained likelihood, consequences, and degree of uncertainty for each. Some uncertainty around consequences but didn't change overall assessment

Q: If there are data gaps, why is the precautionary principle not being applied?

A: Gilles Olivier. There is no evidence PRV poses anything more than a minimal risk. The precautionary approach is applied by Aquaculture management and not part of our science work.

Globe and Mail

Q: Did you decide to do this briefing due to the Namgis decision?

A: Jay Parsons: we had planned to do this before the Namgis decision.

Cox News

Q Can you say PRV is not a salmon killer?

A Gilles Olivier: It doesn't kill sockeye salmon.

Q: What about other species?

A: All six of the RAs are on Fraser River Sockeye in the Discovery Islands

Q: Are smolts going into the pens with PRV

A: There is almost no PRV from smolts going into pens from hatcheries, but PRV is prevalent in the pens.

Q: Should there testing for PRV on smolts?

A: Gilles Olivier Can's speculate on that.

Star Vancouver

Q: How do you know PRV is not going into fish farms from smolts.

A: Gilles Olivier: it could on some occasions but most salmon are getting it once they're in the sea. Don't have the science in front of me, so can't give details on #s.

#### Parsons, Jay

From:

Moore, Wayne

Sent:

Thursday, February 07, 2019 5:44 PM

To:

Seguin, Natalie; Quinn, Caroline

Cc:

Northcott, Jennifer; Parsons, Jay; McCallum, Barry

Subject:

FW: URGENT- CSAS tech briefing info request

**Attachments:** 

PRV references.docx

- 1. As this is a relatively new part of the process as we become more transparent, the process in developing. There are also some variants based on the type of CSAS. The most common of these are the ones that are done post significant CSAS processes (important commercial species) in Newfoundland and Labrador. We have probably done a dozen or so in recent years (cod, shrimp, seal, snow crab, capelin, IHNV). These typically happen quickly after the CSAS meeting ends (eg, next day), are typically preceded by an technical briefing for stakeholders (more clearly defined in the case of a particular species) and are then done for media by the lead scientist for the species or the chair of the meeting. We do not ask for permission to do these, we do. They are done on the basis of a set of agreed points at the meeting and they precede finalization of the documents. They are typically well received. Other ones have been different depending on circumstances. The first Risk Assessment on Fraser River Sockeye and IHNV was done as a media briefing only after the publication was available and was led by Departmental scientists. Again no permission asked, and no stakeholder briefing. The North Atlantic Right Whale technical briefing was recently preceded by a stakeholder briefing (clear constituency) and involved Departmental officials and scientists (who also led the CSAS I believe). We typically do these when there is an appetite and many of the "drier" CSAS processes are not thought of as good candidates. Hope this is helpful.
- 2. In terms of the questions about reports on PRV, we obviously cannot release the formal documents as they are not finished and that would play right into the hands of critics. I would note in response to question about studies, the attached list of (mostly) public documents which would have informed our work.
- 3. Again, I would note, Nemer's call for more transparency on aquaculture science in her recent report.

Call if you have questions...

Wayne

Minister's office have been asked to provide to the Minister, information related to our CSAS tech briefing process. That is:

- General info needed on how DFO usually sets up, organizes CSAS tech briefings;
- 2. How many CSAS tech briefings have been organized in the last few years, what were the topics, who participated in each; and,
- 3. Have CSAS tech briefings been held before the actual report was released?

Copying Johanna in case I have missed anything.

MinO would like this request sent to them by 6pm. If we cannot meet this deadline, we should be in a position to send what we have by 6pm and flag any outstanding details to be sent later tonight.

Thank you!

s.16(2)(c)

# Samia Hirani

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s.16(2)(c)

No further information has been removed or severed from this page

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Moore, Wayne	
From: Sent: To: Cc: Subject:	Moore, Wayne February 7, 2019 5:49 PM Jenkins, Phil; Parsons, Jay Saindon, Carole; Eatmon, Keegan; Jahn, Robin; Burgetz, Ingrid RE: Media Query - Scientific studies considered in PRV CSAS (Business in Vancouver)
Categories:	ATIP
See list   provided.	
Sent: February 7, 2019 5 To: Moore, Wayne < Way Cc: Saindon, Carole < Car < Robin. Jahn@dfo-mpo.g	Jenkins@dfo-mpo.gc.ca> i:48 PM yne.Moore@dfo-mpo.gc.ca>; Parsons, Jay <jay.parsons@dfo-mpo.gc.ca> role.Saindon@dfo-mpo.gc.ca&gt;; Eatmon, Keegan <keegan.eatmon@dfo-mpo.gc.ca>; Jahn, Robin gc.ca&gt;; Burgetz, Ingrid <ingrid.burgetz@dfo-mpo.gc.ca> ery - Scientific studies considered in PRV CSAS (Business in Vancouver)</ingrid.burgetz@dfo-mpo.gc.ca></keegan.eatmon@dfo-mpo.gc.ca></jay.parsons@dfo-mpo.gc.ca>
Another.	
Phil	
Carole < <u>Carole.Saindon@</u> (DFO/MPO) < <u>Media.XNC</u>	nkins@dfo-mpo.gc.ca> alie.Seguin@dfo-mpo.gc.ca>; Quinn, Caroline < <u>Caroline.Quinn@dfo-mpo.gc.ca</u> >; Saindon, @dfo-mpo.gc.ca>; Eatmon, Keegan < <u>Keegan.Eatmon@dfo-mpo.gc.ca</u> >; NCR Media RCN
Hi Phil,	
Here is the science-focus	sed media query. I'm reaching out to the reporter right now to confirm his deadline.
Thanks again! Robin Jahn	
<ul> <li>several scientific studies</li> <li>Did this 33-perso</li> <li>He states: "There</li> </ul>	Business in Vancouver,  We're not considered in the PRV CSAS by the Panel. Specifically:  In panel only look at the peer reviewed science around pathogens in Fraser River sockeye?  The are several studies I am aware of, including Garver et al from PBR that tried to induce HSMI in a state of these studies.

considered?"

**DEADLINE: TBC** 

**RECOMMENDATION:** Provide written response.

### PROPOSED RESPONSE:

No information has been removed or severed from this page

Moore, Wayne From: Moore, Wayne Sent: February 7, 2019 5:50 PM To: Jenkins, Phil; Parsons, Jay; Olivier, Gilles Cc: Burgetz, Ingrid; Saindon, Carole; Jahn, Robin; Eatmon, Keegan Subject: RE: Media Call - IntraFish Media - PRV Strain **Categories: ATIP** Jay over to you. From: Jenkins, Phil < Phil. Jenkins@dfo-mpo.gc.ca> Sent: February 7, 2019 5:46 PM To: Moore, Wayne < Wayne. Moore@dfo-mpo.gc.ca>; Parsons, Jay < Jay. Parsons@dfo-mpo.gc.ca> Cc: Burgetz, Ingrid < Ingrid.Burgetz@dfo-mpo.gc.ca>; Saindon, Carole < Carole.Saindon@dfo-mpo.gc.ca>; Jahn, Robin <Robin.Jahn@dfo-mpo.gc.ca>; Eatmon, Keegan <Keegan.Eatmon@dfo-mpo.gc.ca> Subject: FW: Media Call - IntraFish Media - PRV Strain Hello Jay and Wayne...Can I get a response on this one below? Phil From: Eatmon, Keegan Sent: February-07-19 5:44 PM To: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca> Cc: Quinn, Caroline < Caroline.Quinn@dfo-mpo.gc.ca >; McElhone, Kathryn < Kathryn.Mcelhone@dfo-mpo.gc.ca >; Saindon, Carole < Carole.Saindon@dfo-mpo.gc.ca >; NCR Media RCN (DFO/MPO) < Media.XNCR@dfo-mpo.gc.ca >; Jahn, Robin < Robin.Jahn@dfo-mpo.gc.ca> Subject: Media Call - IntraFish Media - PRV Strain Hi Phil, Query #5 in from the PRV tech brief. ISSUE: IntraFish Media the strain being studied for the peer review, is it endemic to the Pacific coast, or did it appear due to the farming of Atlantic salmon in BC? **DEADLINE: RECOMMENDATION:** Provide written response. PROPOSED RESPONSE:

2

From

**Date:** February 7, 2019 at 4:06:44 PM GMT-5

To: "Jocelyn.lubczuk@dfo-mpo.gc.ca" < Jocelyn.lubczuk@dfo-mpo.gc.ca > Subject: Question about technical briefing from IntraFish Media

Hi Jocelyn,
a reporter from IntraFish Media who attended the technical briefing today. I have one question regarding PRV: the strain being studied for the peer review, is it endemic to the Pacific coast, or did it appear due to the farming of Atlantic salmon in BC?
Thanks,
IntraFish Media

# Fagan, Ashley

From:

Moore, Wayne

Sent:

February-07-19 8:55 PM

To:

Northcott, Jennifer; Jenkins, Phil; Béchard, Geneviève

Subject:

Fwd: ADVANCED COPY: Peer Review concludes Piscine Orthoreovirus transfer from Atlantic salmon farms poses minimal risk to wild Fraser River sockeye/ L'examen par les pairs conclut que le risque de transfert de l'orthoréovirus pisciaire des élevages...

### Not for further distribution

Sent from my Bell Samsung device over Canada's largest network.

----- Original message -----

From: "Lowe, Carmel" < Carmel.Lowe@dfo-mpo.gc.ca>

Date: 2019-02-07 8:44 PM (GMT-05:00)

To: "Stringer, Kevin" < Kevin. Stringer@dfo-mpo.gc.ca>, "Reid, Rebecca" < Rebecca. Reid@dfo-mpo.gc.ca>, "Moore, Wayne" < Wayne. Moore@dfo-mpo.gc.ca>, "Girouard, Louise" < Louise. Girouard@dfo-mpo.gc.ca> Subject: Fw: ADVANCED COPY: Peer Review concludes Piscine Orthoreovirus transfer from Atlantic salmon farms poses minimal risk to wild Fraser River sockeye/ L'examen par les pairs conclut que le risque de transfert de l'orthoréovirus pisciaire des élevages...

Hi all,

#### Carmel

Sent from my BlackBerry 10 smartphone on the Rogers network.

Original Message

From: MacDougall, Lesley <Lesley.MacDougall@dfo-mpo.gc.ca>

Sent: Thursday, February 7, 2019 16:09

To: Lowe, Carmel

Subject: FW: ADVANCED COPY: Peer Review concludes Piscine Orthoreovirus transfer from Atlantic salmon farms poses minimal risk to wild Fraser River sockeye/ L'examen par les pairs conclut que le risque de transfert de l'orthoréovirus pisciaire des élevages...

Carmel - fyi

L

s.21(1)(a)

s.21(1)(b)

----Original Message----

From: Miller-Saunders, Kristi < Kristi.Saunders@dfo-mpo.gc.ca>

Sent: February-07-19 3:58 PM

To: MacDougall, Lesley <Lesley.MacDougall@dfo-mpo.gc.ca>

Subject: RE: ADVANCED COPY: Peer Review concludes Piscine Orthoreovirus transfer from Atlantic salmon farms poses minimal risk to wild Fraser River sockeye/ L'examen par les pairs conclut que le risque de transfert de l'orthoréovirus pisciaire des élevages...

From: MacDougall, Lesley Sent: February 7, 2019 2:36 PM

To: Garver, Kyle; Miller-Saunders, Kristi; Higgins, Mark; Jones, Simon

Cc: Rainer, Michelle; Geiger, Karen

Subject: FW: ADVANCED COPY: Peer Review concludes Piscine Orthoreovirus transfer from Atlantic salmon farms poses minimal risk to wild Fraser River sockeye/ L'examen par les pairs conclut que le risque de transfert de l'orthoréovirus pisciaire des élevages...

#### Hi all:

A media technical briefing was held this morning on the findings of the PRV peer review: there were a number of difficult questions, there are a number of participants who are rather upset that we went ahead with the briefing without releasing the documents, so I want to be sure you're aware in case you start to get calls.

To give a bit of background – although we haven't done technical briefings after peer reviews out here before, it's not uncommon (e.g. in NFLD) to have a media briefing right after a meeting to just announce the meeting took place, provide a quick overview of the questions being considered, the scope, and the key areas of consensus. It used to be standard practice to have one after every national CSAS meeting but that has fallen away in the last number of years. In this case it was felt that it was important to provide some messaging regarding the findings that were agreed on during the meeting, and that outweighed the risk associated with being out ahead of when the final documents would be ready. In retrospect, our intentions were good – to be proactive, and improve transparency – but the timing ended up working against us in that it could be perceived as reactionary given the federal court decision, even though planning had started for it prior to the completion of the peer review meeting itself. Some of the questions were more related to the decision than to the peer review, understandably.

You may have reporters contacting you in the next few days in follow up, so I want you to both be aware of the briefing and of the materials that were circulated to help if you've got questions coming in.

Lesley

From: Lowe, Carmel < Carmel.Lowe@dfo-mpo.gc.ca>

Sent: February-07-19 12:00 PM

To: MacDougall, Lesley <Lesley.MacDougall@dfo-mpo.gc.ca>

Subject: FW: ADVANCED COPY: Peer Review concludes Piscine Orthoreovirus transfer from Atlantic salmon farms poses minimal risk to wild Fraser River sockeye/ L'examen par les pairs conclut que le risque de transfert de l'orthoréovirus pisciaire des élevages...

#### Carmel

Carmel Lowe, Ph.D.

Regional Director Science | Directrice régionale des sciences Fisheries and Oceans Canada | Pêches et Océans Canada Pacific Biological Station | Station biologique du Pacifique

3190 Hammond Bay Rd, Nanaimo, BC, Canada V9T 6N7 Carmel.Lowe@dfo-mpo.gc.ca<mailto:Carmel.Lowe@dfo-mpo.gc.ca> Telephone | Téléphone 250-756-7177

Facsimile | Télécopieur 250-729-8360

Government of Canada | Gouvernement du Canada

s.21(1)(a)

s.21(1)(b)

From: Girouard, Louise <Louise.Girouard@dfo-mpo.gc.ca<mailto:Louise.Girouard@dfo-mpo.gc.ca>>

Sent: February 7, 2019 11:48 AM

To: Thomson, Andrew < Andrew. Thomson@dfo-mpo.gc.ca < mailto: Andrew. Thomson@dfo-mpo.gc.ca >>; Lowe, Carmel

<Carmel.Lowe@dfo-mpo.gc.ca<mailto:Carmel.Lowe@dfo-mpo.gc.ca>>>; Reid, Rebecca <Rebecca.Reid@dfo-mpo.gc.ca</p>

mpo.gc.ca<mailto:Rebecca.Reid@dfo-mpo.gc.ca>>

Cc: Antcliffe, Bonnie <Bonnie.Antcliffe@dfo-mpo.gc.ca<mailto:Bonnie.Antcliffe@dfo-mpo.gc.ca>>; Webb, Allison

<a href="mailto:Allison.Webb@dfo-mpo.gc.ca"><a href="mailto:Alliso

mpo.gc.ca<mailto:Dan.Bate@dfo-mpo.gc.ca>>; Rainer, Michelle <Michelle.Rainer@dfo-mpo.gc.ca<mailto:Michelle.Rainer@dfo-mpo.gc.ca>>

Subject: FW: ADVANCED COPY: Peer Review concludes Piscine Orthoreovirus transfer from Atlantic salmon farms poses minimal risk to wild Fraser River sockeye/ L'examen par les pairs conclut que le risque de transfert de l'orthoréovirus pisciaire des élevages...

Please see final NR and Backgrounder to be issued shortly - the call has started.

L

From: ComApproval / Approbation (DFO/MPO) < ComApproval/Approbation.XNCR@dfo-mpo.gc.ca < mailto: ComApproval/Approbation.XNCR@dfo-mpo.gc.ca >>

Sent: Thursday, February 7, 2019 11:40 AM

To: McElhone, Kathryn < Kathryn. Mcelhone@dfo-mpo.gc.ca < mailto: Kathryn. Mcelhone@dfo-mpo.gc.ca >>; Quinn, Caroline < Caroline. Quinn@dfo-mpo.gc.ca < mailto: Caroline. Quinn@dfo-mpo.gc.ca >>; Jenkins, Phil < Phil. Jenkins@dfo-mpo.gc.ca < mailto: Phil. Jenkins@dfo-mpo.gc.ca < mailto: Natalie. Seguin@dfo-mpo.gc.ca < mailto:

Subject: ADVANCED COPY: Peer Review concludes Piscine Orthoreovirus transfer from Atlantic salmon farms poses minimal risk to wild Fraser River sockeye/ L'examen par les pairs conclut que le risque de transfert de l'orthoréovirus pisciaire des élevages...

News release and Backgrounder / Communiqué et Fiche d'information The attached products will be issued shortly. / Les produits cijoint sera émis sous peu.

Peer Review concludes Piscine Orthoreovirus transfer from Atlantic salmon farms poses minimal risk to wild Fraser River sockeye/L'examen par les pairs conclut que le risque de transfert de l'orthoréovirus pisciaire des élevages de saumon de l'Atlantique au saumon rouge sauvage du fleuve Fraser est minime

Distribution: National EN & FR Comprehensive

# Fagan, Ashley

From:

Jenkins, Phil

Sent:

February-08-19 1:05 PM

To:

Rainer, Michelle; Saindon, Carole; Quinn, Caroline; DFO.F PAC RHQ Media / Médias

QGR PAC F.MPO

Cc:

Bate, Dan; Girouard, Louise; Eatmon, Keegan; Jahn, Robin; NCR Media RCN (DFO/MPO)

Subject:

RE: Bibliography of PRV studies

The studies in the bibliography informed the group's overall work. (Wayne Moore has approved this)

The terms of reference included in the NR explains the two new working papers discussed at the peer review meeting, and at the tech briefing yesterday.

Here is the link <a href="http://www.dfo-mpo.gc.ca/csas-sccs/Schedule-Horraire/2019/01">http://www.dfo-mpo.gc.ca/csas-sccs/Schedule-Horraire/2019/01</a> 28-30-eng.html

Phil

From: Rainer, Michelle

Sent: February-08-19 12:29 PM

To: Saindon, Carole <Carole.Saindon@dfo-mpo.gc.ca>; Quinn, Caroline <Caroline.Quinn@dfo-mpo.gc.ca>; DFO.F PAC

RHQ Media / Médias QGR PAC F.MPO < DFO.FPACRHQMedia-MediasQGRPACF.MPO@dfo-mpo.gc.ca>

Cc: Bate, Dan <Dan.Bate@dfo-mpo.gc.ca>; Girouard, Louise <Louise.Girouard@dfo-mpo.gc.ca>; Jenkins, Phil

<Phil.Jenkins@dfo-mpo.gc.ca>; Eatmon, Keegan <Keegan.Eatmon@dfo-mpo.gc.ca>; Jahn, Robin <Robin.Jahn@dfo-

mpo.gc.ca>; NCR Media RCN (DFO/MPO) < Media.XNCR@dfo-mpo.gc.ca>

Subject: RE: Bibliography of PRV studies

Please note deadline attached.

From: Saindon, Carole < Carole. Saindon@dfo-mpo.gc.ca>

Sent: February-08-19 9:23 AM

To: Rainer, Michelle <Michelle.Rainer@dfo-mpo.gc.ca>; Quinn, Caroline <Caroline.Quinn@dfo-mpo.gc.ca>; DFO.F PAC

RHQ Media / Médias QGR PAC F.MPO < DFO.FPACRHQMedia-MediasQGRPACF.MPO@dfo-mpo.gc.ca>

Cc: Bate, Dan <Dan.Bate@dfo-mpo.gc.ca>; Girouard, Louise <Louise.Girouard@dfo-mpo.gc.ca>; Jenkins, Phil

<Phil.Jenkins@dfo-mpo.gc.ca>; Eatmon, Keegan <Keegan.Eatmon@dfo-mpo.gc.ca>; Jahn, Robin <Robin.Jahn@dfo-

mpo.gc.ca>; NCR Media RCN (DFO/MPO) < Media.XNCR@dfo-mpo.gc.ca>

**Subject:** RE: Bibliography of PRV studies

Copying Phil here as well. He is also working on CTV's follow up questions from last night.

From: Rainer, Michelle

**Sent:** February-08-19 12:16 PM

To: Saindon, Carole; Quinn, Caroline; DFO.F PAC RHQ Media / Médias QGR PAC F.MPO

Cc: Bate, Dan; Girouard, Louise

**Subject:** FW: Bibliography of PRV studies

Hi all,

Further questions/clarification from Caroline, note that she's not asking for the working papers or final reports; she is asking about studies discussed in the call yesterday.

Regards,

#### Michelle

From:

**Sent:** February-08-19 7:32 AM

**To:** Rainer, Michelle < <u>Michelle.Rainer@dfo-mpo.gc.ca</u>> **Cc:** Lubczuk, Jocelyn < <u>Jocelyn.Lubczuk@dfo-mpo.gc.ca</u>>

Subject: RE: Bibliography of PRV studies

Thank you.

I did review the link you mentioned.

In my last email, I asked if you could tell me which study in the list of studies were referenced during the tech-briefing yesterday. For example, right off the top one was mentioned and then I believe another one. No title of the study was given (that I can recall) during the presser. So can you please tell me the titles of the studies that were mentioned so I can find them in the list you sent?

And also, the "understanding CSAS" document mentions the call for science advice. And that was mentioned during the tech briefing. Can you tell me when the request for advice for this particular review was made? And where that request came from or who made the request?

And still hoping for an update on where things are at with the chance of appeal in this week's Federal court ruling.

#### Cheers

From: Rainer, Michelle [mailto:Michelle.Rainer@dfo-mpo.gc.ca]

Sent: Thursday, February 07, 2019 10:37 PM

To:

Subject: Re: Bibliography of PRV studies

Yes, all of those studies informed the peer review meeting. If you refer to the news release, there is a link to a backgrounder "understanding CSAS" that explains how available science is reviewed as part of the peer review process. That will give you an idea of how the studies in the bibliography I sent relate.

Someone will get back to you tomorrow on your other questions.

Regards, Michelle

Sent from my BlackBerry 10 smartphone on the Rogers network.

From:

Sent: Thursday, February 7, 2019 9:41 PM

**To:** Rainer, Michelle **Cc:** Lubczuk, Jocelyn

Subject: RE: Bibliography of PRV studies

s.19(1)

Thanks.

So to be clear... every single study in this list will form the final decision?

Can you tell me which ones were referenced in today's call? There were at least two mentioned I believe.

And can you tell me what the latest is with the recent court decision? Will there be an appeal?

#### Cheers

**From:** Rainer, Michelle [mailto:Michelle.Rainer@dfo-mpo.gc.ca]

Sent: Thursday, February 07, 2019 3:27 PM

To:

Subject: Bibliography of PRV studies

You asked during today's media briefing if you could see studies on PRV; please find attached a bibliography of studies that informed the meeting. The formal peer review documents will be posted on the CSAS website when finalized.

Kind regards,
Michelle Rainer
Communications Advisor | Conseillère en communications
Fisheries and Oceans Canada | Pêches et Océans Canada
200 - 401 Burrard Street, Vancouver, B.C. V6C 3S4 | 200 - 401 rue Burrard, Vancouver, C.-B. V6C 3S4
Telephone | Téléphone 604-775-5065

# Fagan, Ashley

From:

Jenkins, Phil

Sent:

February-11-19 11:13 AM

To:

McPherson, Arran; Moore, Wayne; Parsons, Jay

Cc:

Seguin, Natalie; Fagan, Ashley; Struthers, Alistair (Alistair.Struthers@dfo-mpo.gc.ca);

Campbell, John P.; Burgetz, Ingrid; Szerze, Anita

Subject:

Transcript/PRV tech brief Feb 7/19

**Attachments:** 

070219doc3 DFO-Technical Briefing-Risk to Fraser River Sockeye salmon for PVR-Peer

Review Committee\_14h45\_52mins46+wds7351.doc

Here you go.

Phil

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**SOURCE: DFO - TELECONFERENCE** 

LOCATION/LIEU: TECHNICAL BRIEFING

DATE: FEBRUARY 7, 2019 TIME/ HEURE: 14:45

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# TECHNICAL BRIEFING ON THE RISK TO FRASER RIVER SOCKEYE SALMON DUE TO PISCINE ORTHOREOVIRUS (PRV) TRANSFER FROM ATLANTIC SALMON FARMS

MODERATOR: Good afternoon, ladies and gentlemen. Welcome to the technical briefing on the possible PRV transfer from Atlantic salmon farms, located in the Discovery Islands area in British Columbia.

Bonjour mesdames et messieurs, bienvenus à cette séance d'information technique parlant sur les risques possibles du transfert du réovirus pisciaire des fermes aquacoles aux Îles Discovery de la Colombie-Britannique.

I would now like to turn the meeting over to Louise Girouard.

J'aimerais maintenant céder la parole à Madame Louise Girouard. À vous la parole, please go ahead.

LOUISE GIROUARD (Communications Advisor Pacific Region, DFO): Alors merci Valérie. Bonjour, mon nom est Louise Girouard. I am the regional director of communications here in the Pacific region. And I'm happy to moderate this call today. I apologize for the delay, but I would first like to introduce our guest speakers. Joining me from Ottawa, we have Jay Parsons, the Director of Aquaculture, Biotechnology and Aquatic Animal Health for DFO. We also have peer review co-chair Gilles Olivier, of Aquatic Health Division, DFO Gulf region; and he is joining me from Montreal. And we also have Mr. Craig Stephen, Chief Executive Officer, Canadian Wildlife Health Cooperative and Professor at Western College of Veterinary Medicine; and he's joining me from Vancouver.

I would now like to invite Mr. Jay Parsons to open it... open this teleconference and speak to us about the process. Thank you.

JAY PARSONS (Director, Aquaculture, Biotechnology and Aquatic Animal Health Sciences, DFO): Merci Louise. Good afternoon. Bonjour à tous et toutes. Fisheries and

Oceans Canada, or DFO has a unique and robust process for developing science advice, that we call the Canadian Science Advisory Secretariat, or CSA... sorry, CSAS or 'CSAS'. This is a peer review process that brings experts together to develop transparent consensus advice on topics that are based on the available scientific literature and scientific expertise. Our process is designed to provide comprehensive science advice to DFO resource managers, to support science-based decision making in the department.

For the case of PRV, DFO Aquaculture Management has requested science advice on the risks to Fraser River sockeye salmon, due to the transfer of pathogens from farmed Atlantic salmon, in the Discovery Islands area of British Columbia. To provide this advice, we are conducting a series a tandem-risk assessments of known pathogens of farmed Atlantic salmon in the Discovery Islands area. This Science advice is an important step in addressing Justice Cohen's recommendation that the department conduct and publish an assessment on the risk to wild sockeye salmon populations from diseases on Atlantic Salmon farms in Discovery Islands. It is also contributing to how aquaculture is managed in British Columbia.

Cet avis scientifique constitue une étape importante pour donner suite à la recommandation du Juge Cohen, selon laquelle le Ministère devrait effectuer et publier une évaluation des risques au population de saumon rouge sauvage, découlant des maladies propagées par des saumons Atlantiques d'élevage dans la région des Îles de Discovery. Il contribue aussi à la façon dont l'Aquaculture est gérée en Colombie-Britannique.

To date we've completed six of the ten risk assessments, including the recent assessment of PRV that was peer reviewed January 28<sup>th</sup> to 30<sup>th</sup> in Vancouver. Going forward, we will be completing the peer review of the remaining four pathogen risk assessments over the course of the next year. Thank you and merci. Okay.

GIROUARD: Thank you Mr. Parsons. Alors je passe la parole à Monsieur Olivier.

GILLES OLIVER (Peer review Co-chair, \_\_\_\_\_\_of Aquatic Health Division, DFO Gulf region): Oui, merci beaucoup. Bonjour tout le monde. Hi everybody. Since there were two co-chairs for the meetings, I will do the first part of the briefing and Dr Craig Stephen will do the second part. Before we go into the results of our peer review process, I would like to give you a few words on the process that we actually followed. As Dr. Parsons has mentioned, this was the sixth peer review process we have completed, and we followed exactly

the same steps in establishing this, actually this process that we followed last January – the last week, actually. And it starts... actually to really explain what happened is it starts two to three months prior to the meeting, by establishing what we call the steering committee. And that steering committee is formed of DFO employees, there was DFO Scientists, there was five of them, and five members which also represent different people outside DFO. For instance, there was representatives from the province of B.C., from NGO, from the First Nations, from CFIA and from industry. And there was two co-chairs, Dr. Stephen and I, and as well as the client, in this case it was Aquaculture management. And one member of Aquaculture management, for a total of 13 people that were members of the steering committee.

It is important to understand that the role of the steering committee is several-fold. It is first to establish the terms of reference or the objectives of the meeting, based on a client's request. In this instance it was Aquaculture management. Then after that the steering committee has to develop a list of participants and reviewers of the working papers that are to be peer reviewed at the meeting. It is actually also to identify the working papers, and also to review and develop an agenda of the meeting to be held. So that's basically the process that was followed through a series of conference calls. And we have established the list of participants and the list of formal reviewers through a process that was agreed on during the first calls. And it was actually to put names forward who would be the best expertise, scientific expertise, that could participate and offer the best scientific opinions on the problem presented. And after an initial input of the names that were presented by the different members of the steering committee, there was a vote on who would best be the participants to review the information that the peer review information of the PRV. And after that, it was completed that we had three names of each of four groups of expertise that were chosen, and that's how we actually arrived at a total of 32, 33 people attending the peer review process on January 28th to 30th. So, we followed the same process this time as we did for the prior risk-assessments that were peer reviewed last fall.

So having said that, then we went on to holding the meeting on... from January 28th to 30th, and there was two papers that were... well, if I go back to the terms of reference or the objective, the objectives of the meeting were to actually review two scientific papers. And one of the first... the first paper to be reviewed was a paper to try to understand, what is the state of the scientific knowledge pertaining to the virus PRV. So, a team of authors actually amassed all the information necessary to reflect on what is the state of knowledge of PRV at this time. So, this

was the first paper that was peer reviewed. Following that review of the first paper, there was a second paper which was a risk assessment. And Dr. Craig Stephen will talk about this one, which was reviewed as a second part of the peer review meeting we held January 28<sup>th</sup> to 30<sup>th</sup>. So that's what we did. And at the same time, we also established what are the uncertainties related to the work that we peer reviewed. So, after doing this, I will give you the sum of the results of the first paper that was peer reviewed.

And the first paper that I described actually was dealing with what is the status of the existing knowledge, as best as we can and from all over the world, on the virus. What do we know now on the PRV virus? And after a day of deliberations and presentations, as a result we did come up with some conclusions of the state of our knowledge pertaining to PRV, and I will just read you a few of those findings.

For example, a lot of the data pertaining to PRV comes from Norway where just... where it has caused a disease for a number of years. But it was also established that in British Columbia, the strain of PRV that is present here is of lower genetic variability and has lower virulence in Atlantic salmon relative to PRV-infected Atlantic salmon in Norway. So, it means that it doesn't seem to have the same effect in our Atlantic salmon here in B.C. — on the West Coast—than it does in Norway.

The second important finding is that PRV is ubiquitous, or highly prevalent in marine net and farmed Atlantic and chinook salmon in British Columbia. It has a wide geographic distribution among wild Pacific salmon in B.C., Alaska and Washington, but a lower prevalence than farmed salmon in which B.C. (inaudible) stock specific variations. Which means we find it in several sub-species, but there's no direct correlation between how much we find in one species, and there are large variations at that... on that regard.

It's also important to know that contrary to a lot of other viruses that we work with, PRV we cannot culture this particular virus. And we rely on molecular tools and methods to actually detect the virus. So that's something that needs to be understood, so it's not easy to work with this virus.

Other important findings is that in laboratory challenge trials with juvenile Atlantic salmon, when high viral loads are generated, the B.C. PRV virus – which is present in British Columbia – can cause minor to moderate lesions, but no fish mortalities nor clinical signs, nor anemia has been observed during those laboratory challenges.

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And also, and highly relevant to the question that was asked here as far as the risk to Fraser River sockeye salmon, in multiple laboratory challenges, trials with juvenile sockeye salmon, when high viral loads were... are generated and are injected into the animals, no fish mortalities nor clinical signs, nor anemia were observed. And the interpretation of the histopathology results was not conclusive.

Which leads to a general finding as far as the review of the state of knowledge of PRV at this time, based on the observations described in discussions we've had, is there is currently no evidence to suggest that PRV1 causes disease or mortality in sockeye salmon. So that's the outcome of the review of the first paper that was peer reviewed during the January 28<sup>th</sup> to 30<sup>th</sup> peer review meeting. After this, I will just pass to my co-chair Dr. Stephen, to carry on with the rest of the... of the results. Dr. Stephen.

DR. CRAIG STEPHEN (Chief Executive Officer, Canadian Wildlife Health Cooperative and Professor at Western College of Veterinary Medicine. Joining from Vancouver): Thank you very much. Yeah, welcome everybody. I'm just going to take a brief minute to summarize the second paper that was asked to review. The process was the same as for the paper about the science and the pathogen, where there was a paper, a draft paper authored by DFO, that was then subject to some opening comments from an invited reviewer, and then open to the entire group for clarifications on the paper, and then for a full discussion on the nature of the risk-assessment. And the risk question was, as Dr. Olivier pointed out, restricted to Fraser River sockeye salmon and the Discovery Islands and exposure to PRV from... from farmed salmon.

Risk is the way, this is done in the TSAP's (?ph) process, is a combination of a likelihood of the sockeye salmon being exposed and infected by the virus, and the consequence of that to the abundance and diversity of Fraser River sockeye salmon. Overall the group came to the consensus that there was minimal risk to Fraser River sockeye salmon from PRV at (inaudible) the Discovery Island. And the amount of certainty around that conclusion range from with high certainty to high uncertainty, and that was because there was some different levels of certainty around the likelihood and the consequences.

Because of the information that Dr. Oliver outlined about the presence of PRV in Atlantic salmon farms, there was agreement that the likelihood of exposure was very likely, but there's high uncertainty around that because of data gap around things like what's the

concentration of the virus in the water, what is the resident time, how well does the virus survive in the water? So, the usual exposure models couldn't be done.

In terms of the consequences, the estimate was a minimal impact, based on the existing scientific information that Dr. Olivier outlined. But there were some different conclusions on the level of certainty, particularly around adults, was... there was more consensus around juveniles. And the main level of uncertainty there was really around the relationship between some of the laboratory data and how that affects, or how that relates to wild salmon, wild sockeye salmon over their entire life course.

And the pathogen paper, this paper will be out to the full peers in there, who have been listening to the discussion over the last few days, will have the opportunity to give some final edits and further comment on the finals after the paper.

STEPHENS: I guess I'll turn that back to the chair of the call.

GIROUARD: Thank you very much, everyone. Valérie, if we could open the lines pour les questions, that would be much appreciated. Thank you.

CONFERENCE CALL MODERATOR (Valérie): Certainly. We will now take questions on the telephone lines. If you have a question and you are using a speaker phone, please lift your handset before making your selection. If you have a question, please press star 1 on your telephone keypad. If at any time you wish to cancel your question, please press the pound sign. Please press star-1 at this time if you have a question. There will be a brief pause for the participants to register for questions. Thank you for your patience.

Our first question is from with the BCIT News. Please go ahead.

QUESTION: My question would be that you mentioned that the PRV virus does not have the same effect as the virus in Norway, how does... what is that effect, and how is it different?

OLIVIER: Ok, I will take that one. We had actually Norwegian scientists present at the meeting, which was part of the international experts. We had four experts presents, and we had two more that provided comments on the manuscripts as well. So, in Norway the situation is... seems to be quite different, in that it does cause the... the virus causes mortalities and causes a lot more histopathology in Norway than it does in Canada. And here it's quite... and there... the reasons for that are not completely known, but certainly we seem to have a virus that is different than what is present in Norway at this time. And all the evidence that we have so far is that is not

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as... it doesn't cause mortality in sockeye salmon nor Atlantic salmon, even when it's injected in high doses.

So, there are differences between the virus present here and the virus present in Norway.

QUESTION: Thank you. Could I have a follow-up question to that please?

OLIVIER: Yes.

QUESTION: Why were the studies conducted only on the Fraser sockeye salmon?

OLIVIER: Again, because it was... the question that was asked of... for this particular peer review process, was directed at the risk of Fraser river sockeye salmon from Atlantic farms in the Discovery Island area. And that followed the original five risk-assessments that were performed. They were all done under the same conditions and the same question. So that's why we followed the same track on this one, because we have all the background information available for us, for several other scientific information based on either oceanography, the biology of the Fraser sockeye salmon, and also the farm, the industry practices as well. So, we had that all prepared for the original assessments, and that information was available to carry out on this one. But we don't have information for a broader scope than this particular one. So that's why we limited to...

PARSONS: Dr...Dr. Olivier, Jay here.

OLIVIER: Yes?

PARSONS: I can certainly add to that as well. The original request from DFO Aquaculture Management was for advice on Fraser river sockeye salmon, and potential disease transfer from farmed Atlantic salmon in Discovery Islands. And this is very much in response to one of the key Cohen recommendations, so that has set the scope for the series of the ten risk assessments that we are undertaken – that we are undertaking. We have now completed six of these risk assessments, all looking at the... the risk of known pathogens on Atlantic salmon farms, on Fraser river sockeye salmon; and we've got an additional four risk assessments on other pathogens to do. So, the scope of this series of risk assessments is really around Fraser river sockeye that is responding, that is positioning the department in aquaculture management to respond to this important Cohen recommendation.

QUESTION: Thank you.

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OPERATOR: Thank you. Our next question is from with Global News. Please go ahead.

QUESTION: Thank you. I have a question about the process leading up to this. Was there consensus among the members of this steering committee to hold this announcement today and to hold it with the conclusion specifically that you are talking about with us?

PARSONS: So, it's Jay Parsons here from DFO. I'll tackle that question. The... it was a departmental decision to hold this media briefing. The... there's been a lot of calls on the department to be more transparent about how we are communicating our scientific findings to the department. And in particular when there are... when there are issues that have got a lot of public interest. So, from a CSAS process, this is not uncommon to be holding media technical briefings after we have... after we have the CSAS peer review meetings, to report out on the key findings. So certainly what we're talking to today are the key findings that were agreed to at the actual peer review meeting, but it's also important to recognize that there are still the final science advisory documents that we do have to complete as part of the process that all participants at the meeting will still be contributing to the finalization of those documents before they are released publicly. But today, given the interest in wanting to be transparent about the science and the science findings, and also given the level of public interest on PRV, we wanted to be able to have the opportunity to speak to you today.

QUESTION: Thanks, thank you. One follow-up question, if I may? Were there any dissenting opinions among any of the people who were on the steering committee? And if so, could you briefly summarize what some of those views may have been?

PARSONS: Dr. Olivier or Stephen, do you want...?

OLIVIER: Yeah. No, that's fine. As you know, establishment of a steering committee, we followed – as I explained at the beginning – we followed the same process. And we are trying to be as thorough and as transparent as everything, and it's a lot of work to establish exactly who's going to be there and who will not be there. We had a lot of discussions on it, overall the majority agreed to the process and that's what we followed. Now, was there a 100% agreement all the time? No, but there was a majority of people who actually accepted and followed the process to arrive at exactly where we were, when we met two weeks ago.

QUESTION: What were some of the concerns? And this is what I'm trying to find out, that those who don't agree with the findings or at least part of it, what were they saying was their problem with it?

OLIVIER: At the steering committee, I don't want to rehash what Dr. Parsons has said, but one of the concerns was actually the scope of the exercise. And I think Dr. Parsons explained why we limited the scope because of several reasons. Because you know... I'm not going to repeat what he just said, but that was one of the main concerns of the... some people expressing concerns about the scope, which was too restricted.

PARSONS: So, Dr. Olivier, I can certainly add on to that. And also, just to be very, very clear on one point, there was consensus by all participants, by all experts, at the peer review meeting about the... about the risk estimation and the likelihood and the consequence assessments. So, there was full consensus on the risk findings at the meeting. Certainly, as part of the steering committee discussions, there was a number of discussions – as Dr noted – around the compliment of the expertise that would be invited at the meeting. And there was a very formal process that the co-chairs put in place, to ensure that we were able to identify and rank the top expertise that was available to us from the international community. And we did go through a that to identify that top expertise. And the people who were ranked the highest were the ones who were invited to participate in the peer review meetings.

QUESTION: Thank you.

OPERATOR: Thank you. Our next question is from CTV National. Please go ahead.

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QUESTION: Hi, thank you so much. I have a couple of questions. The first, in your reference to the first paper concerning sockeye, I guess what I'm struggling with all of this, is that you're asking us to partake in the discussion with you when we can't see the data. We don't know these reports. I mean, what are the sample sizes, what are the controls, where are the samples taken from, where's the lab? I've never been in... privy to a technical briefing where we're not even given the basic of the reports that you guys are talking about, so I find it highly unusual. So, if you can give me any insight at to sample sizes, where these samples are... came from. You know, you're delivering some finalizations and conclusions, but you're not letting us be privy to the data how you came to reach these conclusions. So that would be my first question, and I have a follow.

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OLIVIER: Okay, as far as answering your first question, as explained by Dr Parsons at the beginning, this is... the reasons why we're doing it early is because of the interest and the importance of this subject. And he also acknowledged that this is in the process of being finalized, and the Science Advisory report should be ready in a matter of, I would say a week or two. So that's maybe a bit early, but that's where you will find the information that you are... that you are requesting. Second, the Science Advisory report is only one aspect of it, there will also be two research documents coming out of these meetings, but those will take a little bit longer. Where all of that information supporting the results that we have presented to you are going to be there and can be found. But the thing to remember is what we're reporting on is actually the summary of the consensus agreement of all the room being present during deliberations and have agreed to what we have just... what I've just stated to you. So, there's got to be a bit of trust that 33 scientists in a room coming up with some conclusions, they did have the data, they did have the information. The only problem is we can not share the complete information set with you now, but it's certainly forthcoming. And as soon as it is forthcoming, I mean, it will be published and available on the CSAS website. So, it may not answer your questions right now, but I can guarantee you that all that information is there and will be available for, you know, full review when it is published. That's the first part...

QUESTION: It isn't... it's an unusual process to follow. And you guys have had these reviews before, and it's taken weeks to get those final reports. It's my understanding that people that have been involved in this process, are extremely upset that this is taking place right now before these final reports are made. And I understand on the issue of transparency, but it... it does... it's very difficult to report on, or report on findings when you can't be privy on the data. for number one. And it sounds like not everybody who has been part of your process is pleased the way this is being handled.

PARSONS: So, this is Jay Parsons from DFO. I'll add just to Dr. Olivier's points, and he's correct that the information will be provided in the coming weeks. A couple of other points. It's important to also note that the nature of the background papers, the summary of information that we've pulled together, this is based to a large extent on existing published information. So certainly, the studies that we're referring to and relying on, in order to be able to do the risk assessment are published scientific papers that already out there in the public and scientific domain. And...

QUESTION: Well can you... can you get us the links of those papers? For example, my understanding that some of the sample size — and I could again, just could be totally wrong — that the sample size was one sick sockeye salmon. It doesn't seem like a large sampling with... with no control. So, it would be amazing if you could get us these links, if these are... if these papers are already published. Can you please provide those to us?

PARSONS: We can certainly work with media relations in terms of what types of references that we can release at this point in time. But again, I think it's also important to recognize that the analysis that we do, as part of this peer review process, relies on the collective synthesis of the known information on PRV and the effects on salmonids. So, it's not based just one individual paper, it is based on a series of papers. And the collective scientific knowledge and expertise that's available to us and that was part of the peer review process.

And as I mentioned at the outset, again, we're trying to find a balance in terms of being transparent on the key findings of the work as well trying to report on the key findings. Being transparent but also recognizing, as we've said, that there will be additional information that will be provided once the process has an opportunity to finalize the remaining documents. This is not unusual for us to do, as part of the CSAS process, especially where there is interest, a lot of public interest in some of these key topics.

QUESTION: And then, Mr. Parsons, and then on my last question on the regards to the spirit of transparency, was an email directive... did an email directive go out to instruct people who are part of this process, to keep to key talking points during the process? Or is everybody able to talk about any angle freely as they can?

PARSONS: The what... what has... where we have consensus, so far on the process is around the key summary, the key conclusions and the key findings. So that is where we've been, the points we've been discussing today, and that's where there has been con... that's where there has been consensus on the part of all of the participants at the meeting. The remaining... the remainder of the document and the work that we have to do is the finalization of the information that supports those key findings. And certainly, that aspect has not been finalized yet, and will be finalized with the participants over the coming weeks. And that document will be available to the public.

QUESTION: Right. I'm sorry, that wasn't my question though. My question was if an email went out from you, directing people to stick to specific talking points for this technical briefing?

PARSONS: I communicated, I gave all the participants at...who were at the peerreview meeting, a heads up and an explanation why we were having the... why we were having
this technical... media technical briefing. And I also shared with them the key summary bullets
that everybody at the meeting had agreed to, that we would be speaking to today at this particular
meeting. And I did... I did acknowledge, or I did... I did comment in the email, reminding people
that these were the points where we had consensus from the meeting. And that there would be an
opportunity to finalize the remaining parts of the document in the coming weeks, as we had agreed
to at the meeting.

GIROUARD: Thanks. Do we have any more questions?

OPERATOR: Yes. Our next question is from from Undercurrent News. Please go ahead.

QUESTION: My question's been answered, thank you.

OPERATOR: Thank you. I would like to remind our participants that they can press star 1 to queue up for questions, but also that they can press the pound sign if they wish to cancel their question. Our next question is from \_\_\_\_\_\_\_, from the Narwhal. Please go ahead.

QUESTION: Thank you, yes. Monday's federal court of Canada's ruling gave the government four months to begin testing for PRV. Are you putting plans into place to do that testing, given the results that you are releasing today?

OLIVIER: Yes, um...

PARSONS: Louise?

GIROUARD: Yes, I am happy to follow up. Today's briefing is to talk about the findings of this peer scientific review. I'm happy to follow up with you afterwards and answer your questions on anything to do with any court case or any other issues. Thank you.

QUESTION: Thank you.

OPERATOR: Thank you. The next question is from from the Star of Vancouver. Please go ahead.

QUESTION: Hi, thank you. My question is around the conclusion that PRV poses a minimal risk to Fraser river sockeye. I'm just wondering how you can publish that

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conclusion, given that it's based in... from what you've said, it can... could be highly uncertain. And I have a follow-up, too, in terms of whether you are putting in place new research projects to close the significant gaps in knowledge around the potential impacts of PRV on wild salmon?

OLIVIER: Okay.

STEPHEN: Yeah, it's Craig Stephen here. I'm happy to try the first part and explain to you, at least my understanding of how... how CSAS comes up with their rankings, and then I'll let someone from DFO answer the second part.

So in this process, as I mentioned earlier, risk is the combination of likelihood and consequence. And they have two different parts of the conclusion. One is the risk estimate, and one is the uncertainty estimate. And when it comes to the likelihood assessment, my recollection was everybody was in agreement that the likelihood of exposure was very likely. Because as they say, there was the findings of a large number of the Atlantic salmon farmed being positive for the pathogen over time. The high uncertainty with that one came because the traditional methodologies for assessing the possibility of its... (audio skipped) a lot of the data just isn't there. Like, how long does the virus live in the ocean, what's the concentration of it, and do those replicate the concentrations that you might see in the... in the laboratory?

The consequence assessment caused some more challenges. Although people were seeing that within the confines of the question being asked, and I think... we keep coming back to that, the Fraser river sockeye salmon from Discovery Island, there was more challenges in the consequences, particularly around the adult. And that came back down to – again, this ability to extrapolate existing information, it's based largely on laboratory work to look at what happened over the life course, particularly of adults. There was more agreement around the juveniles. And so, with the existing data, they... there was... I think most of it came down to the evidence suggested that there would be minimal consequences, but there's a fair bit of uncertainty. And so what you're hearing is the very formal way that risk is discussed in these decisions processes, which is different than the way risk is often discussed in common uses. Where we don't dissect out as much the 'here's the estimate on the uncertainty.' And so, I'll let somebody from DFO take on the second part of that question.

QUESTION: Actually, if I could just follow up on that, quickly, first.

STEPHEN: Sure.

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QUESTION: So, what it sounds like though is that there actually is... or there are significant gaps in your understanding around this virus, how it behaves in the wild and how it could affect the salmon. So, I guess again my question is – and the kind of... I'm framing this within the framework of the precautionary principle – how does it make sense to make an assessment that it poses a minimal risk, when in actuality it's difficult to make that assessment because there are remaining significant gaps in understanding. So, the precautionary approach wouldn't seem to fit with your determination that it poses a minimal risk, because you actually don't understand yet fully, how it... how it can affect the wild salmon.

STEPHEN: Okay, and...

OLIVIER: I'll... I'll try to give a little bit of something here, and then maybe carry on for Jay. Discussions about the precautionary principle or approach is not privy to what the scientists do. The scientists are there to peer review the science, what is available, what is known, what is not known. And you are correct, that we... we have things that we do not know. However, if you recall the conclusion at the beginning, when I ... when I mentioned when we reviewed the PRV virus, is one of the basic conclusions at the end is based on observations described, there is no... currently no evidence to suggest that PRV-1 causes disease nor mortality in sockeye salmon. So that's reviewing all the scientific information we know. So that's... although we have some holes, that's basically what we could agree as a consensus from the group, that at this point that's what we know.

Regarding the unknown, the beauty of going and identifying uncertainties is that it can serve to actually inform future research and exactly where are the holes, where are the gaps, and where we need to fill it with research. So, by doing a thorough assessment of the uncertainties, like we did, that will inform the next processes. And I'll let Dr. Parsons talk about that.

Regarding the precautionary principle or approach, this is outside the scope of what we do, because then it has to be applied by management, with being informed about what does the science can provide, as information to management. Then, they – management – will have to use that if they deem necessary. And that's part of their discussions at that level, not part of what we are doing here when we review science. Dr Parsons?

PARSONS: Thank you. So, the second part of the question was on the research. So certainly, research on PRV is a very active area of science these days, globally. There's a lot

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of work going on in Norway. There's a lot of work going on in Canada. There's a lot of work that has been undertaken by DFO on the West Coast. And there is... and there continues to be research going on PRV. And certainly, based on the findings and given that there are certain key knowledge gaps, research will continue in the department, looking at PRV and trying to better understand some of the key knowledge gaps and some of the missing information, to continue informing management on this issue.

QUESTION: Thank you. And just one more quick follow-up. Is there a time-line for when a new CSAS process may be undertaken on PRV and its' impacts on wild salmon, given the... this continuing research that you just mentioned?

PARSONS: So, in general, as new information becomes... as new scientific information becomes available, the department very much takes that into consideration in terms of any management decisions it has to make. If there are significant new findings that come up in the future related to PRV, and it's... and the impacts on wild fish in a West Coast context, we will certainly examine that and make an evaluation to what extent that would require a new risk-assessment needing to be done in this particular instance.

QUESTION: Thank you.

OPERATOR: Thank you. The next question is from from Globe and Mail. Please go ahead.

QUESTION: Oh hi. You said that the... having a technical briefing like this isn't unusual and I'll take your word for that, but I'm curious about the timing. Was this briefing planned before or after the federal court decision on Monday?

PARSONS: Yes, it was. There was certainly departmental discussions, having this technical briefing, before the court case was released.

QUESTION: Okay. Thank you. And someone else asked a question about that policy stemming from that court case, you said this briefing isn't about that. But it... can you give us any insight at all as to how these findings might impact calls for a new policy around screening for this disease?

PARSONS: Again, I'll defer this to Louise. The intent today was really to have a technical discussion around the science advice coming out of our risk assessment. And Louise, please?

GIROUARD: I am, I'm happy to follow-up after this call. Thank you.

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QUESTION: Okay.

GIROUARD. Yeah.

OPERATOR: Thank you.

QUESTION: Thank you.

OPERATOR: The next question is from a participant, but I would once again remind our participants to please press star 1 on their telephone keypad if they have a question. De nouveau, n'hésitez-pas à appuyer sur étoile 1 pour toute question. Our next question is from

s.19(1)

from The Province News. Please go ahead.

QUESTION: Hello. Can you tell me if...? I've got a few statements that I'm looking at here. So, from what you know now, is this statement correct? PRV is not a salmon killer. Is that a correct assumption?

OLIVIER: It depends what... you know, what you mean. But I can say that it doesn't cause mortality in sockeye salmon.

QUESTION: Okay. Can you extrapolate the findings that you have on sockeye salmon to other species?

OLIVIER: We know... we it doesn't kill Atlantic salmon either...

QUESTION: Mm-hm.

OLIVIER: And other species we cannot say, I don't think the experiments were done, so...

QUESTION: So, of the six risk pathogens you have done, they all have involved Fraser river sockeye?

OLIVIER: That's correct.

QUESTION: Are you planning anything similar, pathogen risk studies on other species?

PARSONS: Jay here. Jay Parsons with the DFO. This is certainly part of ongoing discussions that we're having with our aquaculture management colleagues. The... as I said earlier, the first... that the first series of advice that they asked for science advice on, was very specific to the Fraser river sockeye salmon, especially in the context of addressing concerns – or sorry, addressing the Cohen recommendations. But as well, there are ongoing discussions about expanding the risk assessments that we're doing, looking at possibly other Pacific salmon species or other areas of British Columbia, as well.

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QUESTION: Addressing your test protocol here, did they... is it correct that the Atlantics went into the ocean without PRV and contracted the PRV from the wild?

PARSONS: (Inaudible.)

OLIVIER: It is...yeah, the funny is that, from what we can gather so far, it seems that it's highly prevalent in marine net pens from Atlantic salmon, and it is actually picking up the virus in... once it's in the ocean.

QUESTION: Sorry... is the... are the smolts going in without PRV?

OLIVIER: That's what we seem to understand, and in most cases, they are not going to sea without... with PRV. They are picking PRV once they are at sea.

QUESTION: Okay. And one final question, if you were to be asked this, and I'm not asking you to comment directly on the court ruling, I'm asking this as scientists. If you were asked this question: Should there be testing for PRV before the transfer of smolts into ocean pens, ocean net environments, what would your answer be?

OLIVIER: We have not discussed the testing of PRV one way or the other. We were asked to assess the science and answer the question that was asked of us, which refers to Fraser river sockeye... the risk to Fraser river sockeye salmon.

QUESTION: As an individual scientist, what would your answer be?

OLIVIER: (Sighs).

GIROUARD: I... again, I'm happy to follow up with any questions afterwards, if

you want.

QUESTION: Alright, thank you. Thank you.

GIROUARD: Thank you.

MODERATOR: Thank you. Our next question is from . from the Star of Vancouver. Please go ahead.

QUESTION: I just wanted to follow up on that, on the comment that was just made, that the salmon are not going into fish farms with the virus. I'm just wondering if you can explain where the information is coming from? I do understand that there was an affidavit filed on the recent court case that said many of the fish from at least one company's hatcheries had tested for PRV before they went into the ocean pens. So, I'm just wondering if you could clarify that?

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OLIVIER: I'm... I'm (inaudible) just really saying it, a general statement regarding the findings that all of the evidence suggests so far that most Atlantic salmon are picking up the virus at sea. The details of where it is from and any testing, I can't recall them directly because I would have to go back to the document, but all that will be available at the time when we finish the document. I'm sorry I can't give you the exact numbers or the exact details, because I don't have them in front of me. But all of that information will be actually available and incorporated into the documents that will be released.

QUESTION: Okay. But you can confirm that... that there are at least some occasions where fish have the virus before they are transferred into ocean pens?

OLIVIER: I seem to recall it has been tested, and seem to recall that was finding, but again I can't... I can't give you the details of it.

QUESTION: Okay, thank you.

GIROUARD: Ah...

MODERATOR: Thank...

GIROUARD: Do we... yeah, go ahead.

MODERATOR: Thank you. We don't have any more questions suggested at this time, so I would like to turn the meeting back over to Miss Girouard.

GIROUARD: Perfect, thank you very much. I just would like to thank everybody from our panel, and everybody for participating. Again, if you have any further questions don't hesitate to contact us via our media relations, and we'll be happy to get back to you.

Alors bonne journée tout le monde, et merci encore.

OLIVIER: Okay, bienvenu.

MODERATOR: Merci, au revoir.

PARSONS: Okay, thanks Gilles, thanks Craig.

STEPHEN: Okay, thanks.

MODERATOR: Alright, goodbye.

OPERATOR: The conference has now ended, please disconnect your lines at this time and we thank you for your participation.

La conférence est maintenant terminée. S'il vous plaît veuillez raccrocher vos lignes, et nous vous remercions de votre participation.

\*\*\*

(7351 words)

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## Fagan, Ashley

From:

Parsons, Jay

Sent:

February-13-19 2:17 PM

To:

Moore, Wayne

Cc:

Jenkins, Phil; Burgetz, Ingrid

Subject:

RE: Minimal Risk

Thanks Wayne. Jay

----Original Message-----

From: Moore, Wayne < Wayne. Moore@dfo-mpo.gc.ca>

Sent: Wednesday, February 13, 2019 2:14 PM To: Parsons, Jay <Jay.Parsons@dfo-mpo.gc.ca>

Cc: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>; Burgetz, Ingrid < Ingrid.Burgetz@dfo-mpo.gc.ca>

Subject: RE: Minimal Risk

I think the co-chairs can respond if they wish. I do not think it is appropriate for us to direct them in such a response. Certainly if they wished to respond I think that repeating comments that are already on the public record whether as part of the media briefing or as part of other RA reports would not be inappropriate but this is not for us to weigh in on.

#### W

-----Original Message-----

From: Parsons, Jay <Jay.Parsons@dfo-mpo.gc.ca>

Sent: February 13, 2019 11:55 AM

To: Moore, Wayne < Wayne. Moore@dfo-mpo.gc.ca>

Cc: Jenkins, Phil < Phil.Jenkins@dfo-mpo.gc.ca>; Burgetz, Ingrid < Ingrid.Burgetz@dfo-mpo.gc.ca>

Subject: RE: Minimal Risk

Wayne,

I was not copied on the original email, but Ingrid has flagged the email and the response from Kristi.

The co-chairs have asked about responding to this email.

I would propose that the co-chairs respond to this to state clearly, as was explained during the media briefing, that the final Science Advice Report (SAR) will be available in the next couple of weeks and it will contain all the information leading to the decision (and that an email is not the proper way to summarize two and a half days of scientific deliberations).

Are you ok with this approach?

Thanks, Jay

-----Original Message-----

From: Burgetz, Ingrid < Ingrid.Burgetz@dfo-mpo.gc.ca>

Sent: Tuesday, February 12, 2019 3:27 PM

To: Moore, Wayne < Wayne. Moore@dfo-mpo.gc.ca>; Parsons, Jay < Jay. Parsons@dfo-mpo.gc.ca>; Jenkins, Phil

<Phil.Jenkins@dfo-mpo.gc.ca> Subject: FW: Minimal Risk

s.21(1)(b)

Original Message
From: Miller-Saunders, Kristi < Kristi.Saunders@dfo-mpo.gc.ca>
Sent: February-12-19 2:51 PM
To: ; Olivier, Gilles <gilles.olivier@dfo-mpo.gc.ca>; cstephen@cwhc-rcsf.ca; Burgetz, Ingrid <ingrid.burgetz@dfo-mpo.gc.ca>; Waddington, Zac <zac.waddington@dfo-mpo.gc.ca>; ; Struthers, Alistair <alistair.struthers@dfo-mpo.gc.ca>; Gagne, Nellie</alistair.struthers@dfo-mpo.gc.ca></zac.waddington@dfo-mpo.gc.ca></ingrid.burgetz@dfo-mpo.gc.ca></gilles.olivier@dfo-mpo.gc.ca>
<nellie.gagne@dfo-mpo.gc.ca>; Myron.Roth@gov.bc.ca; niven@vet.dtu.dk; mark.powell@hi.no; Espen Rimstad <espen.rimstad@nmbu.no>; Subject: RE: Minimal Risk</espen.rimstad@nmbu.no></nellie.gagne@dfo-mpo.gc.ca>
It is important to understand the measure used to ascribe riskbeing risk of extirpation of one or more conservation units and/or serious reduction of species biodiversity. This is a very high bar to say the least but it was the bar set for the aquaculture csas risk assessments. Moreover when making the statement of minimal risk what was missing was the lack of consensus on the uncertainty associated with that determination, which ranged from reasonable certainty to reasonable uncertainty.
Kristi
From: Sent: February 12, 2019 10:43 AM To: Olivier, Gilles; cstephen@cwhc-rcsf.ca; Burgetz, Ingrid; Waddington, Zac; Struthers, Alistair; Gagne, Nellie; Myron.Roth@gov.bc.ca; Miller-Saunders, Kristi; niven@vet.dtu.dk; mark.powell@hi.no; Espen Rimstad; Subject: Minimal Risk
Dear PRV CSAS Panel Experts:
I am writing to confirm that all of you are in agreement with the statement attributed to you in the February 7, 2019 Fisheries and Oceans Canada press release:
"The scientific experts who peer reviewed the data and risk assessment reached a consensus that the risk to Fraser River sockeye salmon due to PRV is minimal."
I request the scientific evidence that you based your conclusions on.
Thank you,

From: Sent: To: Subject:	Jenkins, Phil March-07-19 12:42 PM Moore, Wayne; Parsons, Jay RE: DFO briefing on PRV?		
We think it may be CP's errorit's one month past the Feb 7 tech briefing. Media relations checking now			
From: Moore, Wayne Sent: March-07-19 12:14 PM To: Parsons, Jay <jay.parsons@dfo-mpo.gc.ca>; Jenkins, Phil <phil.jenkins@dfo-mpo.gc.ca> Subject: Re: DFO briefing on PRV?</phil.jenkins@dfo-mpo.gc.ca></jay.parsons@dfo-mpo.gc.ca>			
Nope1			
Sent from my Bell Samsung device over Canada's largest network.			
Original message From: "Parsons, Jay" <jay.parsons@dfo-mpo.gc.ca> Date: 2019-03-07 12:07 PM (GMT-05:00) To: "Moore, Wayne" <wayne.moore@dfo-mpo.gc.ca>, "Jenkins, Phil" <phil.jenkins@dfo-mpo.gc.ca> Subject: Fw: DFO briefing on PRV?</phil.jenkins@dfo-mpo.gc.ca></wayne.moore@dfo-mpo.gc.ca></jay.parsons@dfo-mpo.gc.ca>			
Wayne, Phil,			
I am not aware of any briefings. Are you and if so would I be able to share some details?			
Thanks, Jay			
Original Message From: Sent: Thursday, March 7, 2019 10:59 To: Parsons, Jay Subject: DFO briefing on PRV?	AM		
Hi Jay. We (DSF) are getting calls from media about a briefing today on PRV.			
Is there something you can share on that?			

0

Fagan, Ashley

## Rainer, Michelle

From:

MacDougall, Lesley

Sent:

Monday, March 18, 2019 2:11 PM

To:

Rainer, Michelle; Garver, Kyle; Lowe, Carmel

Subject:

**RE: PRV questions** 

#### Hi Michelle -

I think a number of these questions are similar to ones that were posed during the media technical briefing that followed the PRV risk assessment, that were fielded off-line by comms: have you received any info back yet regarding answers they provided post-meeting to inquiries? Question 9 in particular would have been addressed previously.

For question 3: Additional science work is ongoing:

An ongoing (since 2013) multi-year joint project with DFO/PSF/Genome BC on the distribution and potential impact of a suite of 45 pathogens with a series of publications planned over the coming years;

Ongoing research to understand the relationship between different strains of PRV and disease in wild and cultured salmon from Norway and BC.

Similarly the rapid science response question – I know that we've provided communications regarding the purpose of that request and how it differs from science advice, but I don't have the final version of the response.

Lesley

From: Rainer, Michelle < Michelle.Rainer@dfo-mpo.gc.ca>

Sent: March-18-19 1:21 PM

To: Garver, Kyle <Kyle.Garver@dfo-mpo.gc.ca>; MacDougall, Lesley <Lesley.MacDougall@dfo-mpo.gc.ca>; Lowe, Carmel

<Carmel.Lowe@dfo-mpo.gc.ca>
Subject: FW: PRV questions

Hi again,

Please disregard my previous email. Just want to give more detail and include Carmel.

from the Star Vancouver has sent a number of in-depth questions on PRV for response. I have a lot already from previous inquiries and am coordinating with NHQ as some of the questions are better directed towards them. Please see her full query below (and I'll make sure you see the full response once we've pulled it together) but I have pulled out the questions I'm hoping you can help with (or point me in the right direction). Had to write the numbers out to override autonumbering:

Three: What kind of DFO studies and trials are currently underway regarding PRV and the threat it may pose to wild Pacific salmon?

Four: Are additional CSAS reviews planned to examine the potential threat PRV poses to wild salmon species other than sockeye?

Seven: Further documents show the department ordered a rapid science review of the Di Cicco jaundice paper to determine whether it needed to change its PRV policy. We understand the author of the paper was not involved in this process or informed it was taking place.

- a. Is it standard for the department to exclude the researcher from such review processes? Why don't rapid science reviews follow a similar process as scientific peer reviews?
- b. How was the decision to not amend the PRV policy based on this study consistent with the precautionary principle?

Nine: With regards to the CSAS review of the potential risk of PRV to sockeye:

- a. Why wasn't Di Cicco invited to participate as a local expert?
- b. Why were lab trials that have not yet been through an academic peer review process included in the CSAS review?

Ten: What do you say in response to scientists who say their work has been dismissed by the department and are worried this pattern will continue?

Reporter's deadline is Thursday so would like to have response regionally approved by Wednesday morning.

Thanks, Michelle
From: Sent: March-18-19 9:45 AM To: Rainer, Michelle < Michelle.Rainer@dfo-mpo.gc.ca > Cc: Subject: PRV questions
Hi Michelle,
and I are working on a feature about PRV and the department's management approach and we have a list of questions we're hoping you can respond to by Thursday end of day. Ideally, we're hoping it will be possible to set up a phone interview with a manager in the aquaculture management division about these questions before then.
FYI we're also sending a separate request for an interview with Minister Wilkinson on this topic.
Please let us know if you have any questions or concerns. You can reach me at
Thanks!

#### Questions:

- 1. What is the department doing to comply with the Federal Court ruling that said the existing PRV policy doesn't do enough to protect wild salmon from the virus' risks?
- 2. Can you confirm that DFO has refused to allow First Nations in the Broughton Archipelago use of a department lab to test for PRV in fish farms as part of a MOU with the province that allows a First Nations monitoring program? Why?

- 3. What kind of DFO studies and trials are currently underway regarding PRV and the threat it may pose to wild Pacific salmon?
- 4. Are additional CSAS reviews planned to examine the potential threat PRV poses to wild salmon species other than sockeye?
- 5. Critics of DFO's fish farm management approach -- including the Federal Court -- say the department has failed to uphold the precautionary principle. How do you respond to these concerns?
- 6. ATIP documents provided to the Star show DFO has downplayed research from within the department that showed PRV may pose a risk. Emails between DFO aquaculture management, the researchers and the communications officials show DFO amended the press release announcing the Di Cicco HSMI study as a "potential diagnosis" even though the study was later published as a confirmed diagnosis. Emails show industry concerns were taken into account before the press release was amended.
  - 1. Do you acknowledge that there have been confirmed HSMI diagnoses in BC?
  - 2. Why was the press release amended to downplay the diagnosis?
  - 3. Is it normal for industry perspective to be considered in the strategy for communicating science to the public?
- 2. Further documents show the department ordered a rapid science review of the Di Cicco jaundice paper to determine whether it needed to change its PRV policy. We understand the author of the paper was not involved in this process or informed it was taking place.
  - a. Is it standard for the department to exclude the researcher from such review processes? Why don't rapid science reviews follow a similar process as scientific peer reviews?
  - b. How was the decision to not amend the PRV policy based on this study consistent with the precautionary principle?
- 8. To what degree has DFO considered the potential financial harm to industry of preventing PRV-positive salmon smolts from being transferred into ocean pens in its policy decisions?
- 9. With regards to the CSAS review of the potential risk of PRV to sockeye:
  - a. Why wasn't Di Cicco invited to participate as a local expert?
  - b. Why were lab trials that have not yet been through an academic peer review process included in the CSAS review?
- 10. What do you say in response to scientists who say their work has been dismissed by the department and are worried this pattern will continue?

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